

# AUTHOR INDEX

## Volume 111 (JANUARY-JUNE 1997)

- Abhasciano, Vincenzo, 1788  
 Abdelaziz, Muntasir M., 25  
 Abe, Michio, 885  
 Aboulafia, David M., 513  
 Addrizzo-Harris, Doreen J., 612  
 Agre, Peter, 5  
 Ahuja, Tejinder, 595  
 Albelda, Steven M., 1445  
 Alberts, Michael K., 652, 1356  
 Alberts, W. Michael, 840  
 Al-Bilbeisi, Fadi, 1786  
 Albisinni, Rosa, 544  
 Alcorn, Joseph L., 965  
 Alderman, Daniel F., 1018  
 Alifano, Marco, 544, 601  
 Al-Kattan, Khaled, 1134  
 Allard, Jenny, 1295  
 Allegranzi, Benedetta, 1468  
 Allen, Martin B., 1142  
 Alpers, John H., 1622  
 Alvarado Galvez, Carlos, 148  
 Alvarez, Antonio, 1180  
 Alvarez, F. J., 1322  
 Amelung, Pamela J., 775  
 Ancoli-Israel, Sonia, 639  
 Anderson, Paula J., 1155  
 Ando, Masayuki, 245  
 Andrade, Monica K., 1162  
 Andrews, Lynn, 661  
 Anga, Bela, 1121  
 Angelini, Paolo, 819  
 Angerler, Jutta, 1691  
 Antman, Karen H., 106  
 \*Anglen, Rick, A-16 (Mar)  
 Antonangelo, Leila, 110  
 Antonicelli, Roberto, 527  
 Apostolakis, Michael J., 835  
 Appel, Roland, 419  
 Aranda, Conrado P., 142  
 Arcasoy, Selim, 1425  
 Archer, Thomas P., 828  
 Ardiet, Jean M., 1417  
 Aris, Robert M., 258  
 Arthaud, Martine, 427  
 Artigas, Antoni, 1666  
 Asanura, Hisao, 1101  
 Ashley, Euan, 787  
 Ashutosh, Kumar, 4, 95  
 Austin, John H., 1458  
 Averyt, Ellen C., 1536  
 Avila, Juan, 735  
 Aziz, Mohammed A., 1472  
  
 Bach, John R., 1471  
 Bachmann, Kurt, 929  
 Bacconnier, Pierre, 910  
 Badesch, David B., 1147  
 Baer, Rachel, 1094  
 Bagley, Peter H., 1024, 1552  
 Bai, Tony R., 1187  
 Baker, Albert M., 135  
 Baker, Peter B., 828  
 Balaan, Marvin R., 837  
 Balanza, Reyes, 1322  
  
 Baldwin, Gayle C., 698  
 Baliko, Zoltan, 1121  
 Balingit, Antonio G., 1122  
 Balk, Robert A., 981  
 Balsara, Gulnar, 1775  
 Bandi, Venkata D., 481  
 Banks, Daniel E., 837, 1526  
 Banner, Michael J., 228  
 Barat, Jean L., 23  
 Barber, Ernest M., 1733  
 Barberis, Massimo C., 1142  
 Barbieri, Celia, 970  
 Bardosky, Gizella, 559, 836  
 Barker, Pierre M., 1055, 1135  
 Barnes, Neil C., 525  
 Barnes, Peter J., 175  
 Bassiri, Ali G., 1533  
 Bastin, Regine, 559  
 Baud, Frederic, 671  
 Baudet, Eugene, 23  
 Baudouy, Marcel, 537  
 Bauer, Brent A., 303  
 Baum, Gerald L., 916  
 Beale, Richard, 180  
 Beaty, Christopher D., 1174  
 Becker, Jon, 712  
 Beckett, William S., 1427  
 \*Bedynek, Julius J., A-36 (Apr)  
 Beermann, Friedrich, 1135  
 Belgrave, Clyde H., 1122  
 Bell, Dean D., 1030  
 Bellido-Casado, Jesus, 1144  
 Bellomo, Rinaldo, 1301  
 Belman, Michael J., 89  
 \*Belmonte, Romelle A., A-28 (June)  
 Beloucif, Sadek, 1000  
 Ben-Dov, Issahar, 506  
 Benchetrit, Gila, 910  
 Benfield, Thomas L., 1193  
 Benitez, Marta R., 769  
 Benumof, Jonathan L., 1483  
 \*Bergan, John J., A-16 (Mar)  
 Bernard, Sheila A., 1436  
 Berruti, Alfredo, 1473  
 Bertolet, Barry D., 2  
 Bertorelli, Giuseppina, 852  
 Bettinger, Charlotte M., 1249  
 Bhat, Premila, 595  
 Bihari, David J., 180  
 Bingle, Colin D., 585  
 Bishop, Christopher, 1494  
 Bishop, John W., 870  
 Bishop, Michael, 1356  
 Bittner, Hartmuth B., 706  
 Bizollon, Thierry, 1236  
 Black, Judy K., 1495  
 Black, Melanie, 316  
 Blackburn, George L., 769  
 Blaive, Bruno, 692  
 Blanch, Paul B., 228  
 Bleecker, Eugene R., 775  
 Block, A. J., I, 531, 1477  
 Blumen, Marc B., 1345  
 Boix, Jesus H., 1322  
 Boldt, Michael J., 1187  
 Bonk, Stanley, 142  
 Bonmarchand, Guy, 1639  
 Bonnefoy, Eric, 15  
  
 Bonora, Stefano, 1468  
 Boucher, Michael L., 95  
 Boucher, Richard, 1135  
 Bouma, Maarten, 577  
 Bourdarias, Jean-Pierre, 209  
 Bouros, Demosthenes E., 834  
 \*Brady, Mark, A-22 (May)  
 Brady, Peter W., 1126  
 Brandstetter, Robert D., 525  
 Brandt-Pohlmann, Magdalena, 929  
 Brantly, Mark L., 394  
 Brasileiro, Francisco C., 1577  
 Braunstein, Milton S., 1478  
 Bravo, Carlos, 1180  
 Brenot, Francois, 1142  
 Brett-Smith, Helena, 128  
 Breuer, Raphael, 648  
 Brink, Peter R., 256  
 Brischetto, Michael J., 1468  
 Britt, E. J., 1724  
 Bronzwaer, Jean G., 1222  
 Brooks-Brunn, Jo Ann, 564  
 Broustet, Jean P., 23  
 Browdy, Ben L., 121  
 Brown, Charles G., 584, 1560  
 Brown, Chris S., 2  
 Brown, Donna, 965  
 Brown, Lee K., 269, 970  
 Brown, Steven L., 1403  
 Brundage, Bruce H., 44  
 Brunelli, Alessandro, 1145  
 Brønner, Christoph, 1691  
 Brusset, Alain, 351, 1229  
 Buch, Ash, 1142  
 Buckley, Dawn M., 698  
 Buist, A. S., 394, 899  
 Bullock, Clayton, 1225  
 Bunburaphong, Thananchai, 1050  
 Bune, Alexandra J., 1622  
 Bunn, Paul A., 1495  
 Burki, Nausherwan K., 1509  
 Burman, William J., 1168  
 Burns, Michael J., 816  
 Burrell, Linda M., 1122  
 Burrows, Benjamin, 899  
 Butera, Rafaela, 671  
 Butler, Merlin G., 825  
 Butt, Warwick, 174  
 Buurman, Wim, 577  
  
 Cabrera, Arnold, 1750  
 Cahalin, Lawrence P., 1465  
 Caine, Yehezkel, 916  
 Calcagni, Maria L., 1542  
 Calderon, Eduardo, 75  
 Calderon, Moises A., 25  
 Caliendo, Raffaele, 1417  
 Calvat, Sylvie, 411  
 Campos Werebe, Eduardo, 494  
 Capelozzi, Vera L., 110  
 Cariolou, Marios, 1130  
 Carlen, Robert, 832  
 Caro, Jose J., 754  
 Carraway, Martha S., 236  
 Carrie, Christian, 1417  
 Carroll, John L., 170  
 Carry, Pierre-Yves, 910

\*Book reviewer

# AUTHOR INDEX

## Volume 111 (JANUARY-JUNE 1997)

- Abhasciano, Vincenzo, 1788  
 Abdelaziz, Muntasir M., 25  
 Abe, Michio, 885  
 Aboulafia, David M., 513  
 Addrizzo-Harris, Doreen J., 612  
 Agre, Peter, 5  
 Ahuja, Tejinder, 595  
 Albelda, Steven M., 1445  
 Alberts, Michael K., 652, 1356  
 Alberts, W Michael, 840  
 Al-Bilbeisi, Fadi, 1786  
 Albisinni, Rosa, 544  
 Alcorn, Joseph L., 965  
 Alderman, Daniel F., 1018  
 Alifano, Marco, 544, 601  
 Al-Kattan, Khaled, 1134  
 Allard, Jenny, 1295  
 Allegranzi, Benedetta, 1468  
 Allen, Martin B., 1142  
 Alpers, John H., 1622  
 Alvarado Galvez, Carlos, 148  
 Alvarez, Antonio, 1180  
 Alvarez, F. J., 1322  
 Amelung, Pamela J., 775  
 Ancoli-Israel, Sonia, 639  
 Anderson, Paula J., 1155  
 Ando, Masayuki, 245  
 Andrade, Monica K., 1162  
 Andrews, Lynn, 661  
 Anga, Bela, 1121  
 Angelini, Paolo, 819  
 Angerler, Jutta, 1691  
 Antman, Karen H., 106  
 \*Anglen, Rick, A-16 (Mar)  
 Antonangelo, Leila, 110  
 Antonicelli, Roberto, 527  
 Apostolakis, Michael J., 835  
 Appel, Roland, 419  
 Aranda, Conrado P., 142  
 Arcasoy, Selim, 1425  
 Archer, Thomas P., 828  
 Ardiet, Jean M., 1417  
 Aris, Robert M., 258  
 Arthaud, Martine, 427  
 Artigas, Antoni, 1666  
 Asanura, Hisao, 1101  
 Ashley, Euan, 787  
 Ashutosh, Kumar, 4, 95  
 Austin, John H., 1458  
 Averyt, Ellen C., 1536  
 Avila, Juan, 735  
 Aziz, Mohammed A., 1472  
  
 Bach, John R., 1471  
 Bachmann, Kurt, 929  
 Bacconnier, Pierre, 910  
 Badesch, David B., 1147  
 Baer, Rachel, 1094  
 Bagley, Peter H., 1024, 1552  
 Bai, Tony R., 1187  
 Baker, Albert M., 135  
 Baker, Peter B., 828  
 Balaan, Marvin R., 837  
 Balanza, Reyes, 1322  
  
 Baldwin, Gayle C., 698  
 Baliko, Zoltan, 1121  
 Balingit, Antonio G., 1122  
 Balk, Robert A., 981  
 Balsara, Gulnar, 1775  
 Bandi, Venkata D., 481  
 Banks, Daniel E., 837, 1526  
 Banner, Michael J., 228  
 Barat, Jean L., 23  
 Barber, Ernest M., 1733  
 Barberis, Massimo C., 1142  
 Barbieri, Celia, 970  
 Bardosky, Gizella, 559, 836  
 Barker, Pierre M., 1055, 1135  
 Barnes, Neil C., 525  
 Barnes, Peter J., 175  
 Bassiri, Ali G., 1533  
 Bastin, Regine, 559  
 Baud, Frederic, 671  
 Baudet, Eugene, 23  
 Baudouy, Marcel, 537  
 Bauer, Brent A., 303  
 Baum, Gerald L., 916  
 Beale, Richard, 180  
 Beaty, Christopher D., 1174  
 Becker, Jon, 712  
 Beckett, William S., 1427  
 \*Bedynek, Julius J., A-36 (Apr)  
 Beermann, Friedrich, 1135  
 Belgrave, Clyde H., 1122  
 Bell, Dean D., 1030  
 Bellido-Casado, Jesus, 1144  
 Bellomo, Rinaldo, 1301  
 Belman, Michael J., 89  
 \*Belmonte, Romelle A., A-28 (June)  
 Beloucif, Sadek, 1000  
 Ben-Dov, Issahar, 506  
 Benchetrit, Gila, 910  
 Benfield, Thomas L., 1193  
 Benitez, Marta R., 769  
 Benumof, Jonathan L., 1483  
 \*Bergan, John J., A-16 (Mar)  
 Bernard, Sheila A., 1436  
 Berruti, Alfredo, 1473  
 Bertolet, Barry D., 2  
 Bertorelli, Giuseppina, 852  
 Bettinger, Charlotte M., 1249  
 Bhat, Premila, 595  
 Bihari, David J., 180  
 Bingle, Colin D., 585  
 Bishop, Christopher, 1494  
 Bishop, John W., 870  
 Bishop, Michael, 1356  
 Bittner, Hartmuth B., 706  
 Bizollon, Thierry, 1236  
 Black, Judy K., 1495  
 Black, Melanie, 316  
 Blackburn, George L., 769  
 Blaive, Bruno, 692  
 Blanch, Paul B., 228  
 Bleecker, Eugene R., 775  
 Block, A. J., 1, 531, 1477  
 Blumen, Marc B., 1345  
 Boix, Jesus H., 1322  
 Boldt, Michael J., 1187  
 Bonk, Stanley, 142  
 Bonmarchand, Guy, 1639  
 Bonnefoy, Eric, 15  
  
 Bonora, Stefano, 1468  
 Boucher, Michael L., 95  
 Boucher, Richard, 1135  
 Bouma, Maarten, 577  
 Bourdarias, Jean-Pierre, 209  
 Bouros, Demosthenes E., 834  
 \*Brady, Mark, A-22 (May)  
 Brady, Peter W., 1126  
 Brandstetter, Robert D., 525  
 Brandt-Pohlmann, Magdalena, 929  
 Brantly, Mark L., 394  
 Brasileiro, Francisco C., 1577  
 Braunstein, Milton S., 1478  
 Bravo, Carlos, 1180  
 Brenot, Francois, 1142  
 Brett-Smith, Helena, 128  
 Breuer, Raphael, 648  
 Brink, Peter R., 256  
 Brischetto, Michael J., 1468  
 Britt, E. J., 1724  
 Bronzwaer, Jean G., 1222  
 Brooks-Brunn, Jo Ann, 564  
 Broustet, Jean P., 23  
 Browdy, Ben L., 121  
 Brown, Charles G., 584, 1560  
 Brown, Chris S., 2  
 Brown, Donna, 965  
 Brown, Lee K., 269, 970  
 Brown, Steven L., 1403  
 Brundage, Bruce H., 44  
 Brunelli, Alessandro, 1145  
 Brønner, Christoph, 1691  
 Brusset, Alain, 351, 1229  
 Buch, Ash, 1142  
 Buckley, Dawn M., 698  
 Buist, A. S., 394, 899  
 Bullock, Clayton, 1225  
 Bunburaphong, Thananchai, 1050  
 Bune, Alexandra J., 1622  
 Bunn, Paul A., 1495  
 Burki, Nausherwan K., 1509  
 Burman, William J., 1168  
 Burns, Michael J., 816  
 Burrell, Linda M., 1122  
 Burrows, Benjamin, 899  
 Butera, Rafaela, 671  
 Butler, Merlin G., 825  
 Butt, Warwick, 174  
 Buurman, Wim, 577  
  
 Cabrera, Arnold, 1750  
 Cahalin, Lawrence P., 1465  
 Caine, Yehezkel, 916  
 Calcagni, Maria L., 1542  
 Calderon, Eduardo, 75  
 Calderon, Moises A., 25  
 Caliendo, Raffaele, 1417  
 Calvat, Sylvie, 411  
 Campos Werebe, Eduardo, 494  
 Capelozzi, Vera L., 110  
 Cariolou, Marios, 1130  
 Carlen, Robert, 832  
 Caro, Jose J., 754  
 Carraway, Martha S., 236  
 Carrie, Christian, 1417  
 Carroll, John L., 170  
 Carry, Pierre-Yves, 910

\*Book reviewer

- Cartwright, Rosalind, 266  
 Carvalho, Camilo G., 1452  
 Carvalho, Paula G., 1452  
 Casan, Pere, 1474  
 Casey, Kenneth R., 1442  
 Cassina, Paolo C., 1447  
 Castro Mao, Miguel, 1757  
 Cavaliere, Sergio, 1476  
 Cazzadori, Angelo, 1468  
 Ceddaha, Antoine, 1229  
 Cerra, Frank B., 769  
 Chan, Christopher H., 606  
 Chan, Joseph, 606, 1488  
 Chan, Wilson, 1488  
 Chang, Chau-Hsiung, 489  
 Chang, Shi-Chuan, 1591  
 Chao, David C., 1654  
 Chaouat, Ari, 257  
 Chapman, Kenneth R., 290, 296, 311  
 Charan, Nirmal B., 1452  
 Chastre, Jean, 411  
 Chau, Chi Hung, 522  
 Cheang, Mary, 1030  
 Chen, DeRong, 989  
 Chen, Edward P., 706  
 Chen, Francis, 1684  
 Cheng, Kuo-Chen, 188  
 Chern, Jia-Haur, 1591  
 Chernow, Bart, 261  
 Chestnutt, Asha N., 652  
 Chetta, Alfredo, 852, 1255  
 Chetty, Kota G., 1120  
 Chevalier, Philippe, 15  
 Chevalier, Thierry, 537  
 Chevron, Virginie, 1639  
 Chicharro, Jose L., 1571  
 Chiche, Jean D., 665  
 Chilcote, Robert, 250  
 Chiles, Peter G., 442  
 Chimenti, Cristina, 1462  
 Chin, Nyat Kooi, 275  
 Chiu, Yukuang, 442  
 Choi, Hyun, 1366  
 Choussat, Alain, 23  
 Choy, Dominic, 606, 1488  
 Christon, James A., 1500  
 Chu, Jaw-Ji, 489  
 Chung, Kian F., 1134  
 Ciaglia, Pasquale, 1475  
 Cibas, Edmund S., 106  
 Cimolai, Nevio, 194  
 Cistulli, Peter A., 1763  
 Claman, David M., 1148, 1472  
 Clary-Meinesz, Claude, 692  
 Clausen, Jack L., 639  
 Clemessy, Jean-Luc, 671  
 Clemmer, Terry P., 1334  
 Clouse, Ray E., 724  
 Coates, Allan L., 204, 1206  
 Codina, Rosa, 75  
 Coghlan, H. C., 65  
 Cohen, Andrea J., 1495  
 Cohen, Jeffrey S., 250  
 Cohen, Rubin L., 810  
 Cohn, David L., 1168  
 Coleman, Anne-Marie, 1552  
 Colice, Gene L., 877  
 Colt, Henri G., 442  
 Compagnoni, Maria L., 1631  
 Concia, Ercole, 1468  
 Conneally, P. M., 825  
 Connolly, Mark M., 1597  
 Conroy, Robert M., 1120  
 Cooney, Elaine, 1024  
 Coplin, Margaret A., 99  
 Coppage, Lynn, 1018  
 Coriat, Pierre, 427  
 Cormier, Yvon, 535  
 Corne, Stephen I., 813  
 Cosson, Jacky, 692  
 Costa, Marina, 525  
 Cotte, Pierre, 910  
 Covelli, Italo, 601  
 \*Cox, Angie, A-22 (May)  
 Coy, Erin L., 835  
 Coy, Timothy, 639  
 Crapo, James D., 745  
 Crausman, Robert S., 1786  
 Criner, Gerard J., 377, 1439, 1754  
 Cruz, Edgardo, 525  
 Crystal, Ronald G., 394, 899  
 Cukier, Alberto, 1577  
 Cunningham, Lee N., 327  
 Cunningham, Sean, 324  
 Curcio, Lisa D., 250  
 Curgian, Linda, 836  
 Curiel, David T., 1495  
 Curtis, Shelly, 170  
 Curwin, Jay H., 1454  
 Cury, James D., 503  
 Cusimano, Robert J., 1290  
 D'Aloia, Antonio, 1146  
 D'Alonzo, Gilbert E., 467  
 Dagnone, A. J., 1514  
 Dal Nogare, Anthony R., 1548  
 Dalton, R. N., 180  
 Dantzker, David R., 12  
 David-Wang, Aileen, 290  
 Davidson, Benjamin, 916  
 Davidson, Richard, 842  
 Davies, Robert J., 25  
 Davis, G. M., 1519  
 Davis, Mellar P., 532  
 Davis, Steven M., 1552  
 Dean, Barbara R., 106  
 de Boer, Anthonius, 1278  
 De Gracia, Javier, 1180  
 de Jong, Bert, 525  
 de Jong, Dick, 577  
 De Juli, Emanuela, 835  
 Del Campo-Matias, Felix, 1144  
 Del Carlo Bernardi, Fabiola, 110  
 Del Donno, Mario, 852, 1255  
 deLemos, Robert A., 1355  
 Delgado, Edgar, 1759  
 Dellinger, R. P., 744  
 Del Pezzo, Mariassunta, 601  
 de Marchena, Eduardo J., 511  
 Demirtas, Mahmut M., 526  
 Deng, Alan, 965  
 De Nino, Louis A., 1536  
 Dentener, Mieke, 577  
 De Pascalis, Roberto, 601  
 Desai, Claude J., 665  
 Deterding, Robyn R., 1375  
 Devalia, Jagdish L., 25  
 DeVane, P. T., 503  
 de Vries, Peter M., 1222  
 Dewar, Jane, 785  
 Dhanda, Rahul, 1536  
 Diaz, German, 1144  
 DiBenedetto, Robert J., 1482  
 Dick, Cameron R., 1120  
 Dicpinigaitis, Peter V., 996  
 Diego Posada, Juan, 511  
 Diez, Adolfo, 834  
 Dillard, Thomas A., 1106  
 Dimick, Richard, 1450  
 Di Minno, Giovanni, 544  
 Dimsdale, Joel E., 639  
 Di Perri, Giovanni, 1468  
 Ditlow, Charles, 1684  
 Do, Dat, 1742  
 Dobkin, Jay B., 996  
 Dodd, Mary E., 338  
 Dodia, Chandra, 885  
 Dodson, Ronald F., 1375  
 Dogliotti, Luigi, 1473  
 Dolmage, Thomas E., 948  
 Dombret, Marie C., 411  
 Donath, Joseph, 1153  
 Dosda, M. D., 643  
 Dosman, James A., 245, 1733  
 Dottorini, Maurizio, 834  
 Douard, Herve, 23  
 Doyle, Ramona L., 1533  
 Drach, Johannes, 1691  
 Dreskin, Stephen C., 1147  
 Dresler, Carolyn M., 1718  
 Dreux, Sophie, 427  
 Dreyfuss, Didier, 351  
 Droc, Gabriella, 427  
 Duane, Peter, 1772  
 du Bois, Roland M., 735  
 Dubourg, Olivier, 209  
 Ducas, John, 449  
 Ducatman, Alan M., 404  
 Ducerf, Christian, 1236  
 Ducharme, Francine M., 1519  
 Duke, Trevor, 174  
 Dunagan, Donnie P., 135  
 Dunn, Marvin I., 359  
 Duperret, Serge, 1236  
 Duurkens, Vincent A., 1278  
 Eberhard, Andre, 910  
 Ecknauer, Elisabeth, 1008  
 Edison, Margaret, 115  
 Effros, Richard M., 1157  
 Egermayer, Paul, 1410  
 Egli, Douglas F., 1266  
 Einhorn, Lawrence H., 657  
 Eisenberg, Jay, 955  
 Eisenberg, Paul R., 1340  
 Eldar, Michael, 1130  
 Eliasson, Arn H., 1106  
 Ellingson, Thomas L., 513  
 Elliott, Charles G., 1334  
 Elstad, Mark R., 248  
 Embil, John, 813  
 Engelen, Marielle P., 44  
 Epstein, Alan H., 1061  
 Epstein, Matthew D., 142  
 Erasmus, Jeremy J., 236  
 Erbacher, Patrick, 955  
 Erbes, Reinhard, 51  
 Erdmann, Erland, 1117  
 Erel, Jacob, 916  
 Erickson, Allan D., 1273  
 Eriksson, Peter, 163  
 Eschenbacher, William L., 316, 481  
 Escoffre, Martine, 1603  
 Espiritu, Joseph, 941  
 Estagnasie, Philippe, 351  
 Esteve, Hugo, 529  
 Etches, Robert I., 245  
 Evangelisti, Ilaria, 1631  
 Ewald, Frank W., 239

- Factor, Phillip, 1105  
 Faes, Theo J., 1222  
 Faggiano, Pompilio, 1146  
 Fahy, Brenda G., 1787  
 Fallat, Robert J., 899  
 Faraone, Stanislao, 544, 601  
 Farfel, Zvi, 506  
 Feihl, Francois, 686  
 Feinstein, Sheldon I., 885  
 Ferec, Claude, 1603  
 Ferjani, Mustapha, 427  
 Fernandez-Caldas, Enrique, 75  
 Ferrari, Emile, 537  
 Ferrari, Serge, 257  
 Ferrer, Adelaida, 1180  
 Ferrer, Miquel, 1094  
 Ferrera, Anabelle, 148  
 Fianchini, Aroldo, 1145  
 Field, Stephen K., 1784  
 Filho, Laert O., 494  
 Filomeno, Luiz T., 494  
 Finch, Derel, 1174  
 Fincke, Graeme, 1607  
 Finn, Olivera J., 1425  
 Fischler, Marc, 1229  
 Fisher, Aron B., 885  
 Fisher, Larry, 1375  
 Fisher, Malcolm M., 1126  
 FitzGerald, J. M., 311  
 Flint, Julia, 290  
 Foley, Patrick, 735  
 Foley, Ronan, 895  
 Folkesson, Hans G., 652  
 Folz, Rodney J., 745  
 Foresti, Antonio, 852, 1255  
 Foroud, Tatiana M., 825  
 Forrest, Donna, 813  
 Forrester, Joseph M., 115  
 Foster, Charles, 1505  
 Fracchia, Claudio, 1631  
 Fraire, Armando E., 1375  
 Frampton, Mark W., 835  
 Frangolias, Despina D., 963  
 Frank, Herbert, 1470  
 Franklin, Barry A., 262  
 Franklin, Karl, 163  
 Franklin, Wilbur A., 1495  
 Fransen, Erik, 577  
 Fraser, Gilles L., 1778  
 Freire Moan, David, 1787  
 Friedman, Yaakov, 1468  
 Frith, Peter A., 1622  
 Froelicher, Victor F., 1742  
 Frustaci, Andrea, 1462  
 Fujii, Takeshi, 1697  
 Fujimori, Katsuya, 1089  
 Fukahori, Masami, 198  
 Fukuyama, Naoto, 198  
 Funayama, Takako, 454  
 Furukawa, Satoshi, 377  
 Fuyuno, Gentarou, 572
- Gaasch, William H., 1702  
 Gaetti, Remo, 527  
 Galli, Guido, 1542  
 Gao, Erwei, 965  
 Gao, Zhancheng C., 945  
 Garat, Chrystelle, 1381  
 Garcia-Jimenez, Antonio, 1787  
 Garcia-Pachon, Eduardo, 643  
 Garcia-Rio, Francisco, 1141  
 Gatecel, Claire, 1000  
 Gatzky, John, 1135
- Gauldie, Jack, 895, 1285, 1375  
 Gavaruzzi, Gilberto, 1255  
 Gazmuri, Raul J., 712  
 Ge, Ri-Li, 58  
 Gehling, Gisbert, 929  
 Genc, Fidan, 1759  
 Geraci, Mark, 1295  
 Gherardi, Carlos, 676  
 Gianakos, Dean G., 1144  
 Gibert, Claude, 411  
 Gilart, Jordi F., 103  
 Gilbert, Brian E., 316  
 Gilchrist, Frances, 735  
 Gilman, Laura B., 1495  
 Giner, Jordi, 1474  
 Ginns, Leo C., 550  
 Giordano, Alessandro, 1542  
 Giordano, Amerigo, 1146  
 Girault, Christophe, 1639  
 Girgis, Reda E., 1533  
 Glasroth, Jeffrey, 121  
 Gleason, Ray E., 754  
 Gleeson, Kevin, 1266  
 Glick, Mary C., 955  
 Glindmeyer, H. W., 1147  
 Gluck, Eric H., 836  
 Goarin, Jean-Pierre, 427  
 Goldberg-Kahn, Becki, 870  
 Golden, Jeffrey A., 989  
 Goldfarb, C. R., 1600  
 Goldhaber, Samuel Z., 1241  
 Goldie, Susanne J., 125  
 Goldman, Allan L., 8  
 Goldman, Michael, 30  
 Goldstein, Itamar, 1446  
 Goldstein, Roger S., 948, 1077, 1479  
 Gomez, Miguel A., 1571  
 Gomez Gutierrez, Manuel, 1787  
 Gompertz, Simon, 1142  
 Gondor, Magdolen, 1425  
 Gonzalez, Guadalupe, 808  
 Gonzalez Fernandez, Jose M., 1787  
 Gonzalez-Castaneda, Candela, 1144  
 Gordon, Elizabeth A., 632  
 Gordon, Seymour, 262  
 Gorman, Cori, 1225  
 Gorzegno, Gabriella, 1473  
 Gottlieb, Jonathan E., 623, 838  
 Goulet, Robert, 1649  
 Gourgoulanis, K. I., 1467  
 Govert, Joseph A., 523  
 Gowan, Sharon, 885  
 Graham, Frank L., 895, 1285, 1375  
 Grannis, Frederic W., 250  
 Grays, Peter, 1597  
 Greenberg, S. D., 1375  
 Grodzin, Charles J., 981  
 Gronda, Edoardo, 835  
 Gronke, Lars, 866  
 Gropler, Robert J., 1403  
 Grossman, Jay, 115  
 Grunfeld, A., 311  
 Gu, Shian, 449  
 Gualeni, Anna, 1146  
 Guardiola, Juan J., 1666  
 Guidet, Bertrand, 1766  
 Guido, Peter, 1494  
 Guidolet, Jeanine, 15  
 Guilleminault, Christian, 1348  
 Guinard, Nathalie, 1000  
 Guntupalli, Kalpalatha K., 481  
 Guyatt, Gordon H., 1077  
 \*Guzman, Raul, A-16 (Mar)  
 Guzzo, Melany R., 65
- Haffner, Alice, 1162  
 Haldipur, Chetan, 95  
 Hall, Ian P., 785  
 Hamdan, Hasnah, 1355  
 Hammersley, Jeffrey R., 835  
 Hamrick, Kay, 1450  
 Hanania, Nicola A., 290  
 Handy, John R., 1128  
 Hankinson, John L., 1526  
 Hanna, Bruce A., 142  
 Hans, Mark, 154  
 Hantson, Philippe, 671  
 Haponik, Edward F., 135  
 Harari, Sergio, 835, 1142  
 Harding, Susan M., 65, 1359  
 Harjula, Ari L., 370  
 Harkin, Timothy J., 612  
 Haro, Manuel, 808  
 Harris, Kevin M., 1403  
 Hartmannsgruber, Maximilian W., 1660  
 Hattori, Toshihiko, 590, 922  
 Hauser, Markus, 1447  
 Hay, Douglas W., 355  
 Hayashi, Naoko, 885  
 Headley, Arthur S., 1306  
 Healy, James C., 870  
 Heffner, John E., 970  
 Heijmans, Paco J., 1278  
 Helfrich, Barbara, 1495  
 Heller, Israel, 1446  
 Helmus, Todd, 1494  
 Heltsley, Diane J., 1654  
 Hemmer, Wolfgang, 1560  
 Hempel, Stephen L., 259  
 Henderson, Robert A., 1425  
 Henneke, Karl-Heinz, 929  
 Henry, Jerald W., 1246  
 Hepler, Lisa K., 1225  
 Herlong, John O., 1018  
 Hernandez, Carme, 1094  
 Hershfield, Earl S., 813  
 Hess, Dean R., 1050, 1649  
 Hikosaka, Makoto, 590  
 Hilsenbeck, Susan, 1536  
 Hirata, Nobuaki, 365  
 Ho, Alice, 1458  
 Ho, S. S., 606  
 Hodder, Richard V., 311  
 Hofer, Daniel, 858  
 Hoffmann, Ferenc, 1121  
 Hoffner, Sven E., 145  
 Hoffstein, Victor, 1290  
 Hofmann, Talia A., 965  
 Hofstetter, C. R., 81  
 Hohn, Joyce, 1548  
 Holgate, Stephen T., 785  
 Holoye, Paul Y., 819  
 Hoop, Bernard, 1470  
 Hopewell, Philip C., 121  
 Horio, Hirotooshi, 572  
 Hornberger, John, 1583  
 Hornby, Laura, 474  
 Horowitz, Steven F., 1600  
 Horst, H. M., 272  
 Houser, Otis W., 518  
 Hovell, Melbourne F., 81  
 Howard, Patricia A., 359  
 Howard, Robin S., 1106  
 Hsieh, Ming-Jang, 489  
 Hua, Chi-wei, 1500  
 Huang, Juey-jen, 832  
 Hudgel, David W., 265, 528, 632  
 Hughes, Kenneth, 1200  
 Hughes, Michael M., 824



Hughey, Rebecca, 142S  
 Huitoré, Philippe, 692  
 Hummler, Edith, 113S  
 Humphrey, Chester B., 128S  
 Hurd, David D., 135  
 Hurmi, Jean-Marc, 686  
 Hurst, J. W., 800  
 Hurst, Thomas S., 1733  
 Huseby, Jon S., 251  
 Hwang, Stephen W., 1436

Iannuzzi, Michael C., 70S  
 Iida, Keiko, 1697  
 Iizuka, Toshio, 344  
 Ikonen, Tuija, 370  
 Imai, Susumu, 344  
 Imanaka, Hideaki, 1050  
 Imbert, Alain, 537  
 Imthurn, Bruno, 1447  
 Intrator, Orna, 648  
 Ios, Vincent, 1766  
 Irwin, Richard S., 501, 769, 1115, 1757  
 Isakov, Aharon, 1446  
 Iseman, Michael D., 255  
 Islam, Syed S., 404  
 Isohe, Naoki, 344  
 Israel, Harold L., 623, 83S  
 Ito, Koji, 36  
 Iwasaka, Toshiiji, 590, 922, 1039  
 Izzat, Mohammad Bashar, 1785

Jackevicius, Cynthia, 296  
 Jacob, Howard J., 96S  
 Jacob, Sheila V., 474  
 Jacobson, Jay, 1334  
 Jacoby, Chris, 137S  
 Jaffe, H. A., 94S, 110S  
 Jaffe, Ronen, 258  
 Jagielo, Paul J., 1429  
 Janse, Andre, 1222  
 Jardin, Francois, 209  
 Jasmer, Robert M., 1672  
 Jatene, Fabio B., 494  
 Jay, Christian, 1381  
 Jeejeebhoy, Khursheed N., 769  
 Jeremy, Richmond, 1763  
 Jett, James R., 1486  
 Jikuhara, Toshimitsu, 590, 922  
 Johnson, Bruce E., 115  
 Johnson, Douglas C., 550  
 Johnson, Frank E., 99  
 Johnson, Kay M., 251  
 Jolly, Enrique C., 676  
 Joly-Guillou, Marie-Laure, 411  
 Jones, Robert N., 1147  
 Jordan, Kirk G., 280  
 Joris, Jean L., 665  
 Jorres, Rudolf A., 866  
 Jourdain, Beatrice, 411  
 Journois, Didier, 351  
 Joyce, David P., 296  
 Judson, Franklyn N., 1168  
 Judson, Marc A., 1128  
 Juhasz, Erzsebet, 1121  
 Junge, Jette, 1193

Kael, Georg, 1447  
 Kacmarek, Robert M., 1050, 1649  
 Kadota, Jun-ichi, 1697  
 Kahana, Leo M., 242  
 Kahn, Robert-Jean, 559  
 Kalassian, Kenneth, 1467

Kalinowski, Douglas J., 779  
 Kanarek, David J., 550  
 Kane, Gregory C., 254  
 Kaneta, Mayumi, 105S  
 Kanter, Daniel S., 1241  
 Kapelanski, David, 442  
 Kaplan, David K., 1134  
 Kaplan, Mark A., 1439  
 Karak, Prasanta, 1450  
 Karantanas, A. H., 1467  
 Karetzky, Monroe S., 525  
 Karetzky, Patricia, 525  
 Karmy-Jones, Riyad, 272  
 Katz, Adam S., 1724, 1784  
 Katz, David P., 769  
 Kavakama, Jorge, 1577  
 Kawahara, Katsumobu, 885  
 Kawakami, Kaoru, 1697  
 Kawashima, Ryuji, 105S  
 Kay, J. Michael, 242, 1784  
 Kay, Mark A., 138S  
 Kazis, Lewis, 1607  
 Keens, Thomas G., 802  
 Kelemen, Susan, 204, 1206  
 Keller, Cesar A., 941  
 Kelley, Mark A., 1724  
 Kellum, John A., 1301  
 Kendall, Simon W., 706  
 Kesten, Steven, 290, 296  
 Khair, Omer, 2S  
 Khaled, Amr S., 503  
 Khaw, Ban-An, 1684  
 Kheradmand, Farrah, 652  
 Kiely, David G., 1470  
 Kiely, John L., 324, 1261  
 Kikuchi, Kanako, 36  
 Kil, Hae Keum, 1356  
 Kim, Tae-Suk, 88S  
 King, Landon, 111S  
 Kirby, Robert R., 228  
 Kirkorian, Gilbert, 15  
 Kirsch, Carl M., 1786  
 Kirschner, Lawrence S., 1772  
 Kirsten, Detlef K., 866  
 Kirtland, Steven H., 7  
 Kirychuk, Shelly P., 1733  
 Kishi, Hiroshi, 1366  
 Kitamura, Soichiro, 230, 1785  
 Kiuchi, Takahiro, 36  
 Kivisaari, Leena, 370  
 Kleerup, Eric C., 30, 698  
 Kleesiek, Knut, 365  
 Klein, Jeffrey S., 1750  
 Knapp, Howard, 1429  
 Knight, Caroline, 316  
 Knight, Vernon, 316  
 Kobayashi, Hiroaki, 1466  
 Kobayashi, Ryuichiro, 572  
 Kobayashi, Toshio, 58  
 Koehler, Ulrich, 387  
 Kohno, Shigeru, 1697  
 Kollef, Marin H., 434, 845, 1340  
 Kollen, Wouter, 95S  
 Kolls, Jay K., 104S  
 Kondo, Haruhiko, 1101  
 Kong, Gary K., 89  
 Konopka, Ronald G., 442  
 Koraka, Maria, 1466  
 Korakas, Evaggelos, 1466  
 Korfer, Reiner, 365  
 Korfhagen, Thomas R., 83S  
 Korner, Michael M., 365  
 Korst, Robert J., 128S  
 Kouroukis, Christostomos, 834

Krachman, Samuel L., 467  
 Kraft, Monica, 1249  
 Kramer, David J., 1301  
 Krenzel, Charles, 1772  
 Kreuzer, Eckart, 419  
 Kritski, Afranio L., 1162  
 Krut, Philip M., 529  
 Kubo, Keishi, 58  
 Kubota, Sachio, 344  
 Kukafka, David S., 377, 1439  
 Kukin, Marrick L., 129S  
 Kumar, Annand, 826  
 Kurita, Yuzo, 1089  
 Kurusu, Yuji, 88S  
 Kushibe, Keiji, 230  
 Kussin, Peter S., 523  
 Kvale, Paul A., 121  
 Kwong, J. S., 280

LaBree, Laurie, 1654  
 Labbe, Laurent, 23  
 Lacasse, Yves, 1077  
 Lach-Pasko, Ella, 137S  
 Lacy, George D., 503  
 Ladenson, Jack H., 1340  
 Lai, Christopher K., 606, 1488  
 Lai, Kar-neng, 606  
 Lamb, Billy M., 150S  
 Lamy, Maurice L., 66S  
 Lando, Yaroslav, 1754  
 Lands, Larry C., 474  
 Langevin, Paul B., 1660  
 Lanzafame, Massimiliano, 1468  
 Lapuz, Chris, 122S  
 Lashevski, Ilan, 524  
 Latoche, Joseph, 142S  
 Lau, Chu Pak, 934  
 Lawless, Geraldine, 324  
 Lawrence, Valerie A., 1536  
 Layish, Daniel T., 218  
 Lazar, Rande H., 1769  
 Lazarus, Ross, 891  
 Lazor, Romain, 686  
 LeBlanc, Jacques, 194  
 Lee, Austin, 1607  
 Lee, Joseph, 522  
 Lee, Kang H., 1301, 1759  
 Lee, Ki-Nam, 989  
 Lee, M. Douglas, 111S  
 Lee, Yu-Chin, 1591  
 Lee, Yuan-Teh, 832  
 Lefante, John J., 1147  
 Leff, Alan R., 61S  
 Lei, Dinghua, 104S  
 Leier, Carl V., 828  
 Leite, Joao J., 1577  
 Lepecq, Beatrice, 1766  
 Leroy, Jacques, 1639  
 Leroyer, Christophe, 1603  
 Lesar, May S., 115  
 Leuenberger, Philippe, 686  
 Leung, Roland, 606, 1488  
 Leusink, Hans A., 127S  
 Levin, David L., 989  
 Levin, Mark, 1472  
 Levine, Jeffrey H., 1468  
 Levy, Mitchell M., 22S  
 Levy, Robert D., 311, 104S  
 Lewis, Joseph W., 272  
 Li, Changgong, 135S  
 Lieberman, David, 254  
 Lien, Wen-Pin, 832  
 Liggitt, H. D., 1356

- Light, Richard W., 1679  
 Likar, Laura L., 1273  
 Lim, Tow K., 275  
 Lin, Fyng Jing, 489  
 Lin, Yi-Ming, 832  
 Linden, Christopher H., 816  
 Lindner, Karl H., 584, 1560  
 Link, Charles J., 1061  
 Lio, Pietro, 785  
 Lipchik, Randolph J., 1157  
 Lipworth, Brian J., 847, 1470  
 Liu, Hong Bing, 1355  
 Liu, Hui-Ping, 489  
 Liu, Ngai, 1229  
 LoCicero, Joseph, 268  
 Lockey, Richard F., 75  
 Loddenkemper, Robert, 51  
 Lodi, Umbreen, 65  
 Lok, Ngai-Sang, 934  
 Loperfido, Francesco, 19  
 Lopez, Agustin R., 103  
 Lopez, Fernando D., 103  
 Lossos, Izidore S., 648  
 Loube, Daniel I., 382, 528  
 Loudemilk, Eric, 1660  
 Loughlin, Gerald, 170  
 Loyd, James E., 825  
 Lucantoni, Cesare, 527  
 Luce, John M., 1672  
 Lucia, Alejandro, 1571  
 Luna, Carlos M., 676  
 Lundgren, Jens D., 1193  
 Lundgren, Karl Rune, 163  
 Luo, Deng F., 1381  
 Lympany, Penny, 735
- Ma, Tony S., 832  
 Mabey, Scott W., 828  
 MacDonald, Jane, 1206  
 MacIntyre, Neil R., 188  
 Mack, Michael J., 268  
 MacNeish, Clair F., 204, 1206  
 Maessen, Jos, 577  
 Magder, Sheldon, 1045  
 Magnin, Christophe, 1236  
 Magnussen, Helgo, 866  
 Mahutte, Cornelis K., 1120, 1679  
 Maini, Baltej, 661  
 Makino, Kimihiro, 1055  
 Malet, Claude, 1417  
 Malariak, Mary, 705  
 Malik, Asrar B., 945  
 Manisalco, Mauro, 544  
 Mankad, Sunil, 1301  
 Mann, Rodney, 1147  
 Mannebach, Hermann, 365  
 Mano, Kenji, 1055  
 Marchand, Alain, 15  
 Marchuk, Douglas A., 795  
 Marcus, Johan T., 1222  
 Marik, Paul E., 661  
 Marini Diaz, Milagros, 1707  
 Mark, James B., 286, 1478  
 Markewitz, Boaz A., 248  
 Markiewicz, Walter, 524  
 Marques-Magallanes, Jose A., 30  
 Marquez, Guillermo, 1597  
 Marquez, Miguel A., 834  
 Martin, Richard J., 1249  
 \*Marty, Alan T., A-16 (Mar), A-22 (May), A-25 (June)  
 \*Marwick, Thomas H., A-28 (June)  
 Marx, William H., 1475
- Mason, Robert C., 180  
 Mason, Robert J., 695, 1375  
 Mateo, Joaquim, 1000  
 Matera, Josue, 676  
 Matsuse, Takeshi, 1144  
 Matsuzawa, Yukinori, 58  
 Mattana, Joseph, 595  
 Matteson, Dawn, 835  
 Matthay, Michael A., 652, 1326, 1381, 1672  
 Matthay, Richard A., 128  
 Mattison, Lalaine Marie E., 1018  
 Maury, Eric, 1766  
 Maxwell, Steven L., 1266  
 Maynard, Nicholas D., 180  
 Mayordomo, Cristina, 1180  
 McAdams, Holman P., 236  
 McCabe, Lloyd, 1526  
 McCarthy, Kevin, 899  
 McColley, Susanna A., 170  
 McConnell, John, 71  
 McConnell, Robert, 188  
 McCormack, Frank, 1145  
 McCunney, Robert J., 404  
 McDonald, Josh W., 941  
 McDougall, I. R., 286  
 McElvaney, Noel G., 394  
 McEvoy, Charlene E., 732  
 McEvoy, R. D., 256, 1622  
 McFarlane, Lesley C., 847  
 McGill, Michael P., 826  
 McGovern, Jeffrey, 1120  
 McGregor, Carlton C., 1458  
 McGuinness, Georgeann, 612  
 McMurtry, Ivan F., 1225  
 McNicholas, Walter T., 324, 1261  
 McPeck, Michael, 1200, 1361  
 Meade, Arturo, 1775  
 Meduri, Gianfranco, 1306  
 Meduri, Guido, 1542  
 Mehta, Sanjay, 1045  
 Meignan, Michel, 1381  
 Meisner, Dale, 204, 1206  
 Melibovsky, Leonardo, 834  
 Melot, Christian, 559  
 Meltzer, Susan B., 81  
 Mendelson, Carole R., 965  
 Mendelson, Gad, 1600  
 Mendelson, Helen, 1600  
 Menlove, Ron, 1334  
 Mercier, Bernard, 1603  
 Metersky, Mark L., 1475  
 Metheny, Norma A., 724  
 Meyer, John D., 404  
 Meyer, Theo E., 1702  
 Meyers, David G., 1213  
 Meyers, Deborah A., 775  
 Meyers, Rayma E., 1213  
 Micco, Assunta, 544  
 Michael, Laura F., 965  
 Michel, Alain, 671  
 Michel-Cherqui, Mireille, 1229  
 Midoux, Patrick, 955  
 Mihoubi, Alain, 537  
 Mikkola, Katriona, 1241  
 Milanez de Campos, Jose R., 494  
 Millar, Evelyn A., 71  
 Miller, Albert, 1295  
 Miller, York E., 695, 1495  
 Mills, Paul, 639  
 \*Millsaps, Ralph D., A-22 (May)  
 Minami, Kazutomo, 365  
 Minamoto, Helio, 494  
 Minas, Michael, 1130  
 Minguez, Silvia, 834
- Minoo, Parviz, 1355  
 Miralles-Llopis, Antonia, 643  
 Miranda, Joe, 44  
 Miravittles, Marc, 1180  
 Mitchell, Ron B., 1769  
 Miyamoto, Terumasa, 525  
 Miyashita, Hideo, 1055  
 Mizumoto, Toru, 1565  
 Mlinaric-Missoni, Emilija, 508  
 Modoni, Sergio, 19  
 Mohammed, Minhaz U., 198  
 Molyvdas, P. A., 1467  
 Monsigny, Michel, 955  
 Montharion, Xavier, 1417  
 Monteiro S. Vieira, Maria A., 1162  
 Montgomery, A. Bruce, 955  
 Moorcroft, A. J., 338  
 Moore, Mark, 1295  
 Moores, Lisa K., 1122  
 Mora, Maria-Luisa, 1475  
 Morag, Benyamina, 506  
 Moraine, Jean-Jacques, 559  
 Morales, Azorides, 511  
 Morales, Maria, 1322  
 Morand, Philippe, 537  
 Morganroth, Melvin L., 1137  
 Morise, Anthony, 1742  
 Morrell, Nicholas W., 1469  
 Morris, Alan, 1334  
 Morse, Robert W., 1122  
 Morton, Newton E., 785  
 Moser, Kenneth M., 531, 1784  
 Motin, Jean, 1236  
 Mottier, Dominique, 1603  
 Mountain, Clifton F., 1710, 1718  
 Mouroux, Jerome, 692  
 Movsas, Benjamin, 1061  
 Mroz, Barbara J., 1775  
 Mukae, Hiroshi, 1697  
 Muller, Nestor L., 280  
 Mulligan, Maury E., 1679  
 Munteis, Elvira, 834  
 Munz, Michael, 1112  
 Murata, Ichiro, 36  
 Murata, Takahiko, 198  
 Myers, Jonathan, 787  
 Myriantheis, Michael, 1130
- Nagahama, Yo, 1039  
 Nagai, Ryozo, 344  
 Nagaoka, Hideki, 344  
 Nagpala, Pablito G., 945  
 Naidich, David P., 612  
 Nakagome, Kouichi, 1055  
 Nakajima, Mikio, 1055  
 Nakanishi, Albert, 1505  
 Nakano, Junichi, 1055  
 Nakayama, Haruhiko, 1101  
 Nakazawa, Hiroe, 198  
 Nakielna, Edina M., 963  
 Nannini, Luis, 858  
 Naruke, Tsuguo, 1101  
 Narula, Jagat, 1684  
 Naunheim, Keith S., 99, 941  
 Nava, Stefano, 1631  
 Navarro, Pedro C., 103  
 Neff, Thomas, 1008  
 Nelson, Darren, 1597  
 Nelson, Steve, 1045  
 Nelson, Suchitra, 154  
 Newhouse, Michael T., 311  
 Newman, John H., 825  
 Nezu, Kunitomo, 230, 1785

- Nguyen, Tan K., 1679  
 Nichols, Craig R., 657  
 Nicod, Laurent Pierre, 257  
 Niden, Albert H., 1615  
 Niederman, Michael S., 676  
 Nielsen, Larry D., 137S  
 Nielsen, Søren, 111S  
 Niewoehner, Dennis E., 732  
 Nishimura, Masaji, 1050  
 Nishizawa, Manami, 105S  
 Nogee, Lawrence M., 129S  
 Nolan, Charles M., 1151  
 Nomori, Hiroaki, 572  
 Novotny, Debra, 1457  
 Novak, Dennis, 866  
 Nunez, Ana, 80S
- O'Brien, Gerald M., 377  
 O'Brien, Jeana D., 434  
 O'Byrne, Paul M., 1S, 27S  
 O'Neill, William W., 262  
 O'Shea, Michael, 1552  
 Oelberg, David A., 550  
 Offenstadt, Georges, 1766  
 Ogawa, Michio, 885  
 Ohri, Takashi, 454  
 Ohta, Ken, 105S  
 Okamoto, Kazufumi, 1366  
 Okudaira, Hirokazu, 46S  
 Olivieri, Dario, 852, 125S  
 Olopade, Christopher O., 862, 1500  
 Olson, Dan E., 83S  
 Olver, Richard E., 119S  
 Onoda, Kouji, 156S  
 Opitz, Lynne, 1472  
 Orme, James, 1334  
 Orsini, David A., 82S  
 Osterloh, Joan, 941  
 Ostryznuik, Trish, 1030  
 Otero Ferreira, Sandra, 1787  
 Ouchi, Yasuyoshi, 1144
- Padilla-Navas, Isabel, 643  
 Page, Carey P., 1536  
 Pak, Koon-Yan, 1684  
 Panagou, Panagiotis, 834  
 Panciera, Toni M., 1273  
 Panhuysen, Carolien I., 77S  
 Pantelides, Panagiotis, 73S  
 Pare, Peter D., 311, 834  
 Parker, J. A., 1241  
 Parker, Joseph M., 619  
 Parker, L. Alden, 1457  
 Parlow, Joel L., 1514  
 Parshley, Marianne, 1137  
 Pasquis, Pierre, 1639  
 Patel, Amita, 595  
 Patel, Sanjay, 1241  
 Patrick, Herbert, 623  
 Payen, Didier M., 1000  
 Paz, I. B., 250  
 Pedersen, Craig A., 442  
 Pennock, Bernard E., 1786  
 Peno-Green, Laura A., 74S  
 Pepe, Margaret, 95S  
 Pereira, Kevin D., 1769  
 Perez, Margarita, 1571  
 Perez-Castrillon, Jose L., 1144  
 Perna, Gian P., 19  
 Perng, Reury-Perng, 1591  
 Perol, Maurice, 1417  
 Perret, Claude H., 686
- Pesci, Alberto, 852  
 Peter, Jorg H., 387  
 Peters, Jay L., 1781  
 Peters, Stephen P., 838  
 Peterson, Richard J., 503  
 Petrov, Artiom, 1684  
 Petsonk, Edward L., 1526  
 Phillips, John A., 82S  
 Phillips, Yancy Y., 1106  
 Pianosi, Paul T., 333, 1786  
 Pieroni, Maurizio, 1462  
 Pierson, David J., 460  
 Pilonen, Anneli, 370  
 Pilewski, Joseph M., 142S  
 Pilz, Gunter, 419  
 Pineda Garcia, Lelany, 148  
 Pingleton, Susan K., 769  
 Pino, Jose M., 1141  
 Pinsky, Michael R., 1301, 1759  
 Piper, Amanda J., 1472  
 Pittaluga, Juan M., 511  
 Ploch, Thomas, 387  
 Pohle, Carsten, 929  
 Pollack, Simcha, 59S  
 Pommier, Pascal, 1417  
 Pomposelli, James, 769  
 Poncelet, Brigitte P., 1470  
 Pongratz, Gerhard, 929  
 Pope, Caryn O., 481  
 Popovich, John, 70S  
 Porszasz, Janos, 44  
 Postma, Dirkje S., 77S  
 Postmus, Pieter E., 1222  
 Powell, Nelson, 134S  
 Prados, Concepcion, 1141  
 Prakash, Udaya B., 394  
 Prefaut, Christian G., 1577  
 Prendergast, Thomas W., 1213  
 Preto, Poul, 1193  
 Prewitt, Richard M., 449  
 Puscinska, Ela, 73S  
 Putinati, Stefano, 1788
- Quaranta, Anthony J., 467  
 Quim, Andrea O., 494  
 Quinn, Timothy J., 1429  
 Quiroga, Teresa, 52S
- Raab, Stephen S., 1583  
 Raffin, Lionel, 1229  
 Raffin, Thomas A., 1061  
 Rahko, Peter S., 826  
 Rama, Ramon, 75  
 Ramos, Ricardo R., 941  
 Rampulla, Ciro, 1631  
 Ramsay, Graham, 256  
 Ramsey, Bonnie, 95S  
 Rao, Ram, 810  
 Rebuck, Anthony S., 1S  
 Reed, Charles E., 303  
 Reich, Jerome M., 254  
 Reichman, James M., 25S  
 Reichman, Lee B., 121  
 Reilly, Mary Jo, 779  
 Reisner, Shimon A., 524  
 Ren, Xinhua S., 1607  
 Renshaw, Andrew A., 106  
 Reves, Randall R., 116S  
 Rhodes, Charles S., 1733  
 Rice, Matthew, 1494  
 Rich, Michael W., 1767  
 Richard, Jean-Christophe, 1639
- Richen, Peter, 1778  
 Richter, Joel E., 1389  
 Ridge, Karen M., 110S  
 Rietmeijer, Cornelis A., 116S  
 Riggs, Rod, 1452  
 Riker, Richard R., 177S  
 Riley, Lee W., 1162  
 Riley, Marshall S., 44  
 Riley, Robert W., 134S  
 Rinkevich, Diana, 524  
 Rios, Alexander, 481  
 Riou, Bruno, 427  
 Rizk, Norman W., 1467  
 Rizzoli, Rene, 257  
 Roberts, Daniel E., 1030  
 Roberts, Ed, 1030  
 Roca, Josep, 1094  
 Roche, Annie-Claude, 95S  
 Rodman, David M., 69S, 122S  
 Rodrigues de Jesus, Luis S., 1162  
 Rodriguez de Castro, Felipe C., 103  
 Rodriguez-Roisin, Robert, 25S, 1094  
 Rogers, William, 1607  
 Roggli, Victor L., 137S  
 Roka, Sebastian, 1691  
 Rom, William N., 142, 612  
 Romanelli, Renzo, 511  
 Rombeau, John L., 769  
 Rosen, Mark J., 121  
 Rosenberg, David M., 1224  
 Rosenberg, Joseph I., 1479  
 Rosenkranz, S., 1117  
 Rosenman, Kenneth D., 779  
 Rosenthal, Leon, 1494  
 Rosenwasser, Lanny J., 74S  
 Rossier, Bernard C., 113S  
 Roth, Michael D., 69S  
 Roth, Thomas, 1494  
 Rounds, Sharon L., 1273  
 Rowland, Thomas W., 327  
 Rubin, Bruce K., 150S  
 Rubinfeld, Ilan, 272  
 Rubini, Fiorenzo, 1631  
 Rubinstein, Israel, 862, 1500  
 Rue, Montserrat, 1666  
 Russack, Valentina, 442  
 Russi, Erich W., 100S  
 Rusznak, Csaba, 2S  
 Rybicki, Benjamin A., 70S
- Sachs, R. G., 1454  
 Saddekni, Souheil, 1450  
 Sadeh, Jonathan S., 129S  
 Sahlin, Carin, 163  
 Sahn, Steven A., 1018, 112S  
 Sajkov, Dimitar, 256, 1622  
 Sakabu, Stanley A., 146S  
 Saldiva, Paulo H., 110  
 Salem, Frank, 161S  
 Sallenave, Jean-Michel, 128S  
 Sampson, Hugh A., 170  
 Samuelson, Wayne M., 523  
 Sanchez, Oscar, 1571  
 Sanchez, Violeta, 1571  
 Sanchis, Joaquin, 1474  
 Sanders, Mark H., 1472  
 Sanderson, John, 148S  
 Sandifer, Dean P., 25S  
 Sankaran, Ramkumar T., 59S  
 Sarmiento, Xavier, 1666  
 Samstrand, Bengt, 137S  
 Sartori, Sergio, 178S  
 Sasaki, Hidetada, 454, 1466

- Sasse, Scott A., 1679  
 Sato, Toshihide, 1366  
 Savelli, Brent A., 1137  
 Saxman, Scott B., 657  
 Sbarbaro, John A., 1149, 1168  
 Scanlin, Thomas F., 95S  
 Schaberg, Tom, 51  
 Schafer, Harald, 387  
 Scheff, Peter A., 1500  
 Scheinhorn, David J., 1654  
 Schenk, Peter, 1691  
 Schenk, Thomas, 1691  
 Scherer, Peter, 316  
 Scherff, Albert H., 239  
 Schick, Usha, 449  
 Schickling, Judith, 1560  
 Schiraldi, Gianfranco, 835  
 Schluchter, Mark D., 394, 899  
 Schlumberger, Sylvie, 1229  
 Schmidt, Rodney A., 460  
 Schnader, Jeffrey Y., 1724, 1784  
 Schoevaert, Damien, 692  
 Schraufnagel, Dean E., 1724  
 Schroder, Soren, 1447  
 Schulman, Larry L., 1458  
 Schultz, Marc S., 498  
 Schuyler, Mark R., 535  
 Schwartz, David A., 1429  
 Schwartzberg, Marc, 1450  
 Schwarz, Yehuda A., 916  
 Scully, Brian, 1458  
 Segev, David, 1446  
 Sekiguchi, Morie, 58  
 Sekine, Hitoshi, 454  
 Sekizawa, Kiyohisa, 454, 1466  
 Selim, Alfredo J., 1607  
 Senne, Christina, 1108  
 Senthilselvan, Ambikaipakan, 1733  
 Serda, Gabriel J., 103  
 Serrano, Nicolas, 1475  
 Sexauer, William P., 1775  
 Shann, Frank, 174  
 Shannon, John M., 129S, 137S  
 Shapira, Oz M., 796  
 Sharma, Om P., 498  
 Sharma, Shashi, 1548  
 Shellito, Judd E., 104S  
 Shemin, Richard J., 796  
 Shepard, Jo-Anne O., 550  
 Shepherd, David, 129S  
 Shields, Thomas W., 11  
 Shimpso, Hideto, 1565  
 Shirakusa, Takayuki, 885  
 Shorr, Andrew F., 619  
 Shronts, Eva, 769  
 Siafakas, Nikolaos M., 834  
 Silver, Patricia, 434  
 Silverstein, Marc D., 303  
 Sime, Patricia J., 89S, 137S  
 Simonds, Anita K., 1134  
 Simonneau, Gerald, 1142  
 Singhal, Pravin C., 595  
 Sirgi, Corinne F., 481  
 Skach, William, 88S  
 Skidgel, Randal A., 149S  
 Skiest, Daniel J., 1475  
 Slovis, Bonnie, 82S  
 Smaldone, Gerald C., 1200, 1361  
 Smith, Arnold L., 95S  
 Smith, Robert M., 1724  
 Smith, Wade S., 1326  
 Smithies, Mark N., 180  
 Sofia, Matteo, 544, 601  
 Soler, Manuel, 1666  
 Sonenblick, Moshe, 648  
 Sorenson, Victor, 272  
 Soskel, Norman T., 899  
 Sottiaux, Thierry, 665  
 South, Mike, 174  
 Sparrow, David, 891  
 Speiser, Burton L., 1158  
 Spjut, Harlan J., 1375  
 Spodick, David H., 524, 1156, 1465  
 Squara, Pierre, 351  
 Stabellini, Giorgio, 1788  
 Stanislaw, Mario, 19  
 Stark, Robert, 813  
 Stauffer, William, 1772  
 Stearn-Hassenpflug, Meg A., 1654  
 Stein, Paul D., 1246  
 Stein, Sonja, 1008  
 Steiner, Robert M., 623  
 Stelzner, Thomas J., 96S  
 Stern, Eric J., 460  
 Stern, Matthew B., 1112  
 Stewart, Ralph A., 822  
 Stiller, Ronald A., 1472  
 Stimler, Charles, 524  
 Stingl, Doris, 929  
 Stocker, Reto, 1008  
 Stoller, James K., 123S, 394, 899  
 Stoltzfus, Daniel, 1660  
 Stone, Gregory S., 121  
 Storto, Maria L., 989  
 Strauss, Arthur M., 382  
 Strauss, Gary M., 754  
 Strohmenger, Hans-Ulrich, 584, 1560  
 Suchyta, Mary R., 1334  
 Sue, Darryl Y., 844  
 Sugarbaker, David J., 106, 754  
 Sugiyama, Tetsuro, 590, 922, 1039  
 Sullivan, Colin E., 1763  
 Sumimoto, Tsutomu, 590, 922  
 Summer, Warren R., 104S  
 Sundaram, Meena, 1702  
 Susanto, Irawan, 1781  
 Suzuki, Naohito, 105S  
 Suzuki, Tadashi, 344  
 Suzuki, Tomoko, 454  
 Swartz, Morris A., 1112  
 Swedler, William L., 862, 1500  
 Syron, Mary Lou, 1494  
 Systrom, David M., 550  
 Szekeley, Les A., 550  
 Szentivanyi, Andor, 8  
 Sznajder, Jacob L., 110S  
 Takagaki, Tereza Y., 110  
 Takahama, Makoto, 230  
 Takahashi, Nobuyuki, 1039  
 Takehana, Kazuya, 1039  
 Takenaka, Katsui, 36  
 Tamion, Fabienne, 1639  
 Tampellini, Marco, 1473  
 Tan, Kia S., 847  
 Tandon, Ravi, 1200, 1361  
 Tanigawa, Takeshi, 36  
 Tapson, Victor F., 218  
 Tarumi, Noritaka, 922  
 Tashkin, Donald P., 30, 121, 698  
 Taskinen, Eero, 370  
 Taylor, Robert W., 146S  
 Teboul, Jean L., 351  
 Tejeda, Manuel, 1322  
 Tekavec, Jasna, 508  
 Tenderich, Gero, 365  
 \*Teramoto, Shinji, 1144, A-36 (Apr)  
 Terashima, Masanori, 1089  
 Terreros-Caro, Javier G., 1141  
 Terry, Peter B., 1784  
 Thackray, Ian, 73S  
 Theaker, Nigel J., 1126  
 Theodore, James, 1533  
 Theunissen, Paul H., 256  
 Thibert, Roch, 204, 1206  
 Thilly, William G., 83S  
 Thomas, Henry M., 1146  
 Thomas, Jackie, 1290  
 Thomas, N. Simon, 78S  
 Thomas, Robin A., 1767  
 Thompson, William H., 1452  
 Thomson, Neil C., 71  
 Timmis, Gerald C., 262  
 Toboso, Jose M., 1666  
 Tojo, Takashi, 230  
 Tolley, Elizabeth, 1306  
 Tomassini, Francesca, 527  
 Toonen, Ruud, 88S  
 Topilsky, Marcel R., 1446  
 Torres, Antoni, 1094  
 Torrington, Kenneth G., 619, 1106  
 Touboul, Paul, 15  
 Trentz, Otmar, 1008  
 Trepo, Christian, 1236  
 Trevisani, Lucio, 178S  
 Triolo, Joseph, 623  
 Troell, Robert J., 1348  
 Trombley, Colleen, 194  
 Trotman-Dickenson, Beatrice, 550  
 Trotter, Steven J., 1468  
 Trouillet, Jean-Louis, 411  
 Tsintiris, Kostas, 834  
 Tsuchiya, Ryosuke, 1101  
 Tudor, Rubin M., 122S  
 Tyler, Robert C., 122S  
 Ugolotti, Giorgio, 1255  
 Utell, Mark J., 83S  
 Utz, James P., 518  
 Vaaler, Andrew K., 115  
 Vadas, Elizabeth B., 204, 1206  
 Valente, Salvatore, 1542  
 Valle, Guido, 19  
 van der Houwen, Henriette K., 1278  
 van der Werff, Ytzen D., 1278  
 van Heesewijk, Hans P., 1278  
 van Heurn, L. W., 256  
 Van Nguyen, An, 1482  
 Van Trigt, Peter, 706  
 Vaquero, Almudena F., 1571  
 Vargas, Francisco S., 1577  
 Vasiliev, Michael, 95S  
 Vay, Carlos, 676  
 Vazic-Babic, Verica, 508  
 Vazquez, Enrique, 834  
 Vedrinne, Jean-Marc, 1236  
 Vendrell, Montserrat, 1180  
 Venzon, David, 115  
 Verdumo, Chantal, 113S  
 Veres, Liliana, 518  
 Vernon, Jennifer, 129S  
 Vestbo, Jorgen, 1193  
 Villamor, Jose, 1141  
 Virgo, Katherine S., 99  
 Vitulo, Patrizio, 1141  
 Vizcaya, Manuel, 808  
 Voelkel, Norbert F., 129S  
 Vonk Noordegraaf, Anton, 1222

Votteri, Bernhard A., 1472  
Vujacich, Patricia, 676

Wahlgren, Dennis R., 81  
Wain, John C., 550  
Wait, Michael A., 1548  
Waldrep, J. C., 316  
Walker, Leona H., 65  
Wallace, Jeanne M., 121  
Wang, Bennet M., 460  
Wang, Jiahua, 25  
Wang, Mei-Lin, 837, 1526  
Wang, Nai-San, 1679  
Wang, Tingting, 1622  
Wang, Tzung-Dau, 832  
Warburton, David, 1195  
Warren, C. Peter W., 813  
Wasserman, Susan, 242  
Wasserman, Karlman, 44  
Wassermann, Klaus, 1117  
Watt, Flint, 779  
Watt, Janet L., 1429  
Waxman, Aaron B., 128  
Webb, A. K., 338  
Webb, W. Richard, 989  
Weder, Walter, 1447  
Weerwind, Patrick, 577  
Weill, Hans, 1147  
Weingarten, Scott R., 89  
Weiss, A. T., 258  
Weiss, Lawrence M., 250  
Weiss, Scott T., 891

Weiss, William, 1414  
Weitzenblum, Emmanuel, 257  
Wen, Andrew S., 802  
Wensley, David, 194  
Wenzel, Sally E., 1249  
Werdan, Karl, 419  
Werneck-Barroso, Eduardo, 1162  
West, Jeffrey A., 1742  
Wheatley, Amanda, 785  
Whitsett, Jeffrey A., 835  
Wilcox, Ian, 1763  
Wilcox, Pearce G., 963  
Wilkins, Harry E., 1597  
Wilkinson, Jane, 785  
Wiley, James C., 835  
Williams, Glenn, 1375  
Williams, Michael J., 822  
Williams-Warren, Judy, 955  
Winterbauer, Richard H., 7, 1442  
Winters, Stephen L., 1454  
Wolfe, Robert, 769  
Wollan, Peter C., 303  
Wong, Chi F., 522  
Wong, Maylene, 30  
Wong, Poon C., 522  
Woo, Marilyn S., 802  
Woolf, Colin R., 530  
Wright, Cameron D., 550  
Wysocki, Marc, 351

Xing, Zhou, 89S, 128S, 137S

Yada, Isao, 1565  
Yagi, Neide, 110  
Yakrus, Mitchell A., 242, 813  
Yamashita, Jun-ichi, 885  
Yamaya, Mutsuo, 454  
Yang, Mei-Hai, 1591  
Yano, Toshiyuki, 1375  
Yew, Wing W., 522  
Yim, Anthony P., 1785  
Yokoyama, Akira, 1089  
Yoshida, Kazuko, 245  
Yoshinoya, Sadayoshi, 36  
Younes, Riad N., 110  
Young, Pampee P., 965  
Younis, Ramzi T., 1769  
Yu, John C., 945  
Yuasa, Fumio, 590, 922  
Yuasa, Hiroshi, 1565  
Yucel, E. K., 1436  
Yunginger, John W., 303  
  
Zahger, Doron, 258  
Zakarian, Joy M., 81  
Zakkar, Mohamed M., 862, 1500  
Zaloga, Gary P., 769  
Zambartas, Costakis, 1130  
Zamora, Martin R., 1147  
Zhang, Rebecca, 899  
Zhang, Yuanhui, 1733  
Ziegler, Michael G., 639  
Zojer, Niklas, 1691  
Zamoff, Barnett, 1600



# SUBJECT INDEX

## Volume 111 (JANUARY-JUNE 1997)

- Abbott TDX: See Theophylline, assay
- Abdomen, effects of obesity and fat distribution on ventilatory function, 891
- exploration, woman with shortness of breath and left pleuritic pain, 1115
- obesity and pulmonary function, 844
- pain, heart murmur, and lung infiltrates in a 40-year-old man, 498
- surgery, predictors of postoperative pulmonary complications following, 564
- surgery, preoperative spirometry and laparotomy, 1536
- Abscess, aortic root, with fistula formation, 1436
- lung, caused by *Legionella micdadei*, 252
- Accident prevention, sedation in fiberoptic bronchoscopy, 1142
- ACCP: See American College of Chest Physicians
- ACCP medical personnel services: See College, medical personnel services
- ACCP-SEEK board review question of the month, man with AIDS experiences near-syncope, 501
- woman with cavitating left upper lobe lesion, 1757
- woman with shortness of breath and left pleuritic pain, 1115
- Acetazolamide, Cheyne-Stokes respiration during sleep in congestive heart failure, 467
- Acetylcholine, vagotonia and bronchial asthma, 8
- Acetylene, uptake technique, noninvasive measurement of cardiac output by, and simultaneous comparison with thermomodulation in ICU patients, 1295
- Acetylsalicylic acid: See Aspirin
- Acidosis, lactic, echocardiographic pattern of acute cor pulmonale, 209
- lactic, paradoxical effect of bronchodilators, 1766
- lactic, why does (it) occur in acute lung injury? 1157
- metabolic, why does lactic acidosis occur in acute lung injury? 1157
- release of lactate by the lung in acute lung injury, 1301
- Acquired immunodeficiency syndrome: See also HIV infections
- cytomegalovirus as a primary pulmonary pathogen in, 128
- lung abscess caused by *Legionella micdadei*, 252
- man with, experiences near-syncope, 501
- pulmonary aspergilloma and, 612
- related *Pneumocystis carinii* pneumonia, alveolar damage in, 1193
- significance of *Mycobacterium avium* complex cultivation in the sputum of patients with pulmonary tuberculosis, 142
- Actinomyces odontolyticus*, empyema necessitatis due to, 1144
- Acute cellular rejection: See Graft rejection
- Acute hypoxic pulmonary vasoconstriction: See Pulmonary vasoconstriction
- Acute Physiology and Chronic Health Evaluation: See APACHE II
- Adenocarcinoma, abdominal pain, heart murmur, and lung infiltrates in a 40-year-old man, 498
- revisions in the International System for Staging Lung Cancer, 1710
- Adenosine monophosphate, cyclic, paradoxical down-regulation and desensitization of  $\beta_2$ -adrenoceptors by exogenous progesterone in female asthmatics, 847
- Adipose tissue, effects of obesity and fat distribution on ventilatory function, 891
- obesity and pulmonary function, 844
- Admissions: See Hospitalization
- Adolescents, critical age that the young start the devastating habits of smoking and narcotics, 1466
- thoracoscopy in children and, 494
- video-assisted thoracoscopy's anniversary, 268
- Adrenergic agents, clinical efficacy of combination nebulized anticholinergic and, vs nebulized adrenergic bronchodilator alone in acute asthma, 311
- vagotonia and bronchial asthma, 8
- Adrenergic agonists,  $\beta_2$ , alveolar epithelial fluid clearance mechanisms are intact after moderate hyperoxic lung injury in rats, 1381
- combination nebulized anticholinergic and adrenergic bronchodilators vs nebulized adrenergic bronchodilator alone in acute asthma, 311
- Adrenergic agonists,  $\beta_2$ -, aerosol delivery during continuous nebulization, 1200
- effect of nebulized albuterol on the activity of the renin-angiotensin system in asthma, 71
- effect of salmeterol on nocturnal symptoms, airway function, and inflammation in asthma, 1249
- paradoxical effect of bronchodilators, 1766
- Adrenergic receptor agonists  $\beta_2$ , effects of inhaled albuterol and ipratropium bromide on autonomic control of the cardiovascular system, 1514
- Adrenergic receptors,  $\beta$ , 'circa menstrual' rhythmicity and asthma, 840
- paradoxical down-regulation and desensitization of  $\beta_2$ -adrenoceptors by exogenous progesterone in female asthmatics, 847
- Advance directives, revisited, 1144
- Adverse reactions: See Drug reactions
- Aerosols: See also Nebulizers; adverse effects of corticosteroid therapy for COPD, 732
- clinical efficacy of combination anticholinergic and adrenergic bronchodilators vs adrenergic bronchodilator alone in acute asthma, 311
- comparison of peak sputum tobramycin concentration in patients with cystic fibrosis using jet and ultrasonic nebulizer systems, 955
- comparison of pulmonary availability between Ventolin (albuterol) nebulizers and Ventolin (albuterol) respirator solution, 204
- delivery during continuous nebulization, 1200
- effect of inhaled magnesium sulfate on sodium metabisulfite-induced bronchoconstriction in asthma, 858
- production vs gravimetric analysis: nebulizer output, 1361
- pulmonary delivery of beclomethasone liposome, in volunteers, 316
- respiratory drug delivery, 1155
- tobramycin, choice of jet nebulizer, nebulizing flow, and addition of albuterol affects the output of, 1206
- ultrasonic nebulization of albuterol is no more effective than jet nebulization for the treatment of acute asthma in children, 1505
- African-Americans, endobronchial disease and racial differences in pulmonary sarcoidosis, 619
- importance of ethnicity in the diagnosis and prognosis of sarcoidosis, 838
- Age, adverse effects of corticosteroid therapy for COPD, 732
- critical, that the young start the devastating habits of smoking and narcotics, 1466
- impact of gender on outcome from mechanical ventilation, 434
- predictors of postoperative pulmonary complications following abdominal surgery, 564
- prognostic significance of precordial ST-segment changes in acute inferior wall myocardial infarction, 1039
- Agensis of pulmonary artery: See Pulmonary artery
- Aging, applied nutrition in ICU patients: ACCP consensus statement, 769
- effects of obesity and fat distribution on ventilatory function, 891
- effects on swallowing reflex, 1466
- incidence and outcomes of asthma in the elderly, 303
- increased mortality of older patients with ARDS, 1334
- is (it) a risk factor for silent ischemic cardiopathy? 527
- video-assisted lobectomy in the elderly, 1101
- weight gain and longitudinal changes in lung function in steel workers, 1526
- Agriculture, accelerated lung function decline in swine confinement workers, 1733
- fatal cases of farmer's lung, 245

- pentoxifylline does not alter the response to inhaled grain dust, 1429
- AIDS: See Acquired immunodeficiency syndrome
- Air, by any other name... 1786
- compressed, hospital, contamination of, with nitric oxide, 1759
- embolism, venous: left heart, patient with previously diagnosed intrapulmonary shunt, 826
- embolism, venous, respiratory failure following stereotactic neurosurgery in a 53-year-old woman, 1112
- leaks, bronchopulmonary, diagnosis and localization of, using ventilation scintigraphy, 286
- leaks, histopathologic diagnosis made in lung tissue resected from patients with severe emphysema undergoing lung volume reduction surgery, 941
- Airflow: See Airway
- Airplane pilots: See Pilots
- Airway, aerosol delivery during continuous nebulization, 1200
- asthma management: perspectives and paradigms in a changing environment, Feb. supp. pp. 15-68S
- ciliary beat frequency in human bronchi and bronchioles, 692
- early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- echocardiographic pattern of acute cor pulmonale, 209
- effect of salmeterol on nocturnal symptoms, function, and inflammation in asthma, 1249
- exchange catheter, pediatric, prospective study of the safety of tracheal extubation using, for patients with a known difficult airway, 1660
- exchange catheters for safe extubation, 1483
- exhaled pentane levels in acute asthma, 862
- hyperresponsiveness, nonspecific, in HIV disease, 121
- inflammation, pentoxifylline does not alter the response to inhaled grain dust, 1429
- measurement of respiratory resistance, young children with acute asthma, 1519
- mechanisms of gastric juice-induced hyperpermeability of the cultured human tracheal epithelium, 454
- reactive, dysfunction syndrome, another hot tub hazard: toxicity secondary to bromine and hydrobromic acid exposure, 816
- remodeling is a distinctive feature of asthma and is related to severity of disease, 852
- respiratory drug delivery, 1155
- small, detection of dysfunction using specific airway conductance, 1533
- upper, a 60-year-old man with a malignant tumor of the, and unexplained respiratory failure, 236
- upper, inflammation, exhaled pentane and nitric oxide levels in patients with obstructive sleep apnea, 1500
- who should treat sleep apnea and how? 266
- Airway obstruction, atelectasis in patients with small cell lung cancer, 115
- defining patients' abnormal pulmonary function, 1146, 1147
- kyphoscoliosis and bronchial torsion, 1134
- malignant, endoscopic treatment of, in 2,008 patients, vol. 110: 1536; erratum, vol. 111:1476
- pregnancy and cystic fibrosis, 963
- pressure release ventilation, combination of tracheal gas insufflation and, 1366
- quality control of spirometry testing in the registry for patients with severe  $\alpha_1$ -antitrypsin deficiency, 899
- upper, postesophagectomy mediastinal chylothorax causing, misdiagnosed as asthma, 1126
- usefulness of flow volume loops in emergency center and ICU settings, 481
- with percutaneous tracheostomy, 1468
- Airway resistance, predicting eventual success or failure to wean in patients receiving long-term mechanical ventilation, vol. 110: 1018; erratum, vol. 111:836
- Airway responsiveness, autonomic regulation in asthmatics with gastroesophageal reflux, 65
- 'circa menstrual' rhythmicity and asthma, 840
- effect of inhaled magnesium sulfate on sodium metabisulfite-induced bronchoconstriction in asthma, 858
- short protocol for methacholine provocation testing adapted to the Rosenthal-Chai dosimeter technique, 866
- Albumin, diagnostic value of tests that discriminate between exudative and transudative pleural effusions, 970
- Albuterol, addition of, choice of jet nebulizer, nebulizing flow, and, affects the output of tobramycin aerosols, 1206
- aerosol delivery during continuous nebulization, 1200
- comparison of pulmonary availability between Ventolin nebulizer and Ventolin respirator solution, 204
- effect of nebulized, on the activity of the renin-angiotensin system in asthma, 71
- inhaled, effects of, and ipratropium bromide on autonomic control of the cardiovascular system, 1514
- ultrasonic nebulization of, is no more effective than jet nebulization for the treatment of acute asthma in children, 1505
- Alcohol consumption, who should treat sleep apnea and how? 266
- Alcoholism, noncompliance with directly observed therapy for tuberculosis, 1168
- Alginic acid, role of gastroesophageal reflux in chronic cough and asthma, 1389
- Algorithms, pulmonary screening of military pilots in Israel, 916
- treatment for OSA, 528
- Alkalosis, laboratory abnormalities in patients with bacterial pneumonia, 595
- Allograft rejection: See Graft rejection
- $\alpha_1$ -antitrypsin: See Antitrypsin
- Altitude, low pulmonary diffusing capacity in subjects with acute mountain sickness, 58
- Alveolar arterial oxygen difference, prognostic significance of precordial ST-segment changes in acute inferior wall myocardial infarction, 1039
- Alveolar proteinosis: See Proteinosis
- Alveoli, damage in AIDS-related *Pneumocystis carinii* pneumonia, 1193
- early reperfusion induces injury in pulmonary embolism, 198
- effect of BiPAP nasal ventilation on the postoperative pulmonary restrictive syndrome in obese patients undergoing gastropasty, 665
- epithelial fluid clearance mechanisms are intact after moderate hyperoxic lung injury in rats, 1381
- Alveolitis, diagnosis of asbestosis, 1427
- fibrosing, soluble transforming growth factor- $\alpha$  is present in the pulmonary edema fluid of patients with acute lung injury, 652
- Mycobacterium avium* complex infection in an immunocompetent young adult related to hot tub exposure, 242
- Ambulatory care, antibiotics in acute bronchitis and exacerbations of chronic bronchitis, 1788
- cardiac resuscitation, 712
- factors associated with emergency department dependence of patients with asthma, 290
- symptom-based measure of the severity of chronic lung disease, 1607
- American College of Chest Physicians, applied nutrition in ICU patients: a consensus statement of, 769
- downsizing competence: the myth of quality or let the barber do the surgery, 1478
- 'multidrug'-resistant tuberculosis, 1149
- pulmonary artery flotation catheters: a statement by ATS and, 261
- pulmonary artery flotation catheters: better late than never? 1465
- strength and character, 1
- workshop, future of sepsis research, 744
- American Joint Committee on Cancer: See International System for Staging Lung Cancer
- American Sleep Disorders Association, availability of a meta-analysis of the surgical treatment of obstructive sleep apnea, 265
- American Thoracic Society, downsizing competence, 1478
- pulmonary artery flotation catheters: better late than never? 1465
- pulmonary artery flotation catheters: statement by ACCP and, 261
- Amino acids, branched chain, applied nutrition in ICU patients: ACCP consensus statement, 769
- Aminobutyric acid,  $\gamma$ :- See GABA
- Aminoglycosides, comparison of peak sputum tobramycin concentration in patients with cystic fibrosis using jet and ultrasonic nebulizer systems, 955

- Amiodarone, acute pulmonary toxicity, very early onset of, presenting with hemoptysis, 1446  
nonsustained polymorphic ventricular tachycardia during therapy for atrial fibrillation complicating cardiomyopathy, 1454
- Amlodipine, comparison of two long-acting vasoselective calcium antagonists in pulmonary hypertension secondary to COPD, 1622
- Amphotericin B, liposomal, relapsing *Aspergillus* bronchitis in a double lung transplant patient successfully treated with a new oral antimycotic agent, 835
- Amrinone, pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Anaerobic threshold, dangerous curves, 787  
determination, electromyographic response to exercise in cardiac transplant patients, 1571
- Anastomoses: See Pulmonary artery; Pulmonary vein
- Anemia, following hysteroscopic surgery, 513  
erythropoietin in pediatric cardiac surgery: 1565
- Anesthesia, endoscopic treatment of malignant airway obstructions in 2,008 patients, vol. 110:1536; erratum, vol. 111:1476  
evaluation of respiratory inductive plethysmography, 910  
intrinsic positive end-expiratory pressure during one-lung ventilation for thoracic surgery, vol. 110:180; erratum, vol. 111:836  
local, therapeutic thoracoscopy under, 1785  
local, thoracoscopic wedge resection of blebs under, 230  
sampling arterial blood with a fine needle, 1474  
topical, serial angiography in cocaine-induced myocardial infarction, 822
- Aneuploidy, chromosomal: See Genetics
- Aneurysm, coronary artery disease, 796  
distinguishing left ventricular pseudoaneurysm from, 1403
- Angina pectoris, bilateral functioning Vineberg grafts, 824  
Prinzmetal's, neurocardiogenic syncope and, associated with bronchogenic carcinoma, 819  
unstable, cardiac troponin: see *ya later*, CK! 2
- Angiography, consensus approach to diagnosing coronary artery disease based on clinical and exercise test data, 1742  
digital subtraction, immediate transcatheter embolization of Swan-Ganz catheter-induced pulmonary artery pseudoaneurysm, 1450  
digital subtraction, unilateral pulmonary artery agenesis in adulthood, 832, 834  
radionuclide, myocardial contractile reserve as prognostic determinant in patients with idiopathic dilated cardiomyopathy without overt heart failure, 344  
serial, in cocaine-induced myocardial infarction, 822
- Angiotensin, -converting enzyme inhibitors, managing asymptomatic patients with chronic aortic regurgitation, 1702  
effect of nebulized albuterol on the activity of the renin-angiotensin system in asthma, 71  
myocardial contractile reserve as prognostic determinant in patients with idiopathic dilated cardiomyopathy without overt heart failure, 344
- Animals: See also Laboratory and animal investigations, future of sepsis research, 744
- Anoxemia, effect of acetylsalicylic acid on pulmonary gas exchange in patients with severe pneumonia, 1094  
effect of BiPAP nasal ventilation on the postoperative pulmonary restrictive syndrome in obese patients undergoing gastropasty, 665  
interest of a therapeutic optimization strategy in severe ARDS, 1000  
pulmonary hemodynamics and hypoxemia in sleep apnea, 256, 257  
refractory hypoxemia due to intrapulmonary shunting associated with bronchioloalveolar carcinoma, 1120  
60-year-old man with a malignant tumor of the upper airway and unexplained respiratory failure, 239  
syndrome of acute reversible hypoxemia, acute lupus pneumonitis with normal chest radiograph, 1781  
ventilation-perfusion response after fenoterol in hypoxemic patients with stable COPD, vol. 110:71; erratum, vol. 111:258  
woman with shortness of breath and left pleuritic pain, 1115
- Anoxia, acute hypoxic pulmonary vasoconstriction, use of pulsed-wave Doppler echocardiography to measure changes in MPAP, 1469; 1470  
Cheyne-Stokes respiration during sleep in congestive heart failure, 467  
monitoring tissue oxygenation, 12  
sympathetic nervous system alterations in sleep apnea, 639
- Antibiotics, choice of jet nebulizer, nebulizing flow, and addition of albuterol affects the output of tobramycin aerosols, 1206  
comparison of peak sputum tobramycin concentration in patients with cystic fibrosis using jet and ultrasonic nebulizer systems, 955  
empiric treatments impair the diagnostic yield of BAL in HIV-positive patients, 1180  
impact of BAL data on the therapy and outcome of ventilator-associated pneumonia, 676  
in acute bronchitis and exacerbations of chronic bronchitis: what is general practitioners' habit? 1788
- Antibodies, noninvasive detection of atherosclerotic lesions by <sup>99m</sup>Tc-based immunoscintigraphic targeting of proliferating smooth muscle cells, 1684
- Antibody-dependent cell-mediated cytotoxicity: See Cytotoxicity
- Anticholinergic agents, bronchodilators, clinical efficacy of combination nebulized adrenergic and, vs nebulized adrenergic bronchodilator alone in acute asthma, 311  
effects of inhaled albuterol and ipratropium bromide on autonomic control of the cardiovascular system, 1514
- Anticoagulants, follow-up for death or recurrence is not a reliable way of assessing the accuracy of diagnostic tests for thromboembolic disease, 1410
- Antigen-antibody reactions, vagotonia and bronchial asthma, 8
- Anti-inflammatory agents, nonsteroidal, case of eosinophilic pneumonia and vasculitis induced by diflunisal, 1767
- Antimycobacterial agents: See Directly observed therapy; Tuberculosis
- Antimycotic agents, new oral, relapsing *Aspergillus* bronchitis in a double lung transplant patient successfully treated with (a), 835
- Antioxidants, applied nutrition in ICU patients: ACCP consensus statement, 769
- Antitrypsin,  $\alpha_1$ -, deficiency, baseline characteristics of enrollees in the National Heart, Lung and Blood Institute Registry of, 394  
severe, quality control of spirometry testing in the registry for patients with, 899
- Antitubercular agents: See Directly observed therapy; Tuberculosis
- Aorta, effect of mechanical vs a pharmacologic increase in aortic pressure on coronary blood flow and thrombolysis induced by IV administration of a thrombolytic agent, 449  
-left atrial fistula: a reversible cause of acute refractory heart failure, 828  
managing asymptomatic patients with chronic regurgitation, 1702  
noninvasive detection of atherosclerotic lesions by <sup>99m</sup>Tc-based immunoscintigraphic targeting of proliferating smooth muscle cells, 1684  
tumor neutrophil elastase is closely associated with the direct extension of non-small cell lung cancer into, 885
- Aortic root, abscess with fistula formation, 1436  
dilatation in Marfan's syndrome, 1763
- Aortic valves, prosthetic, managing asymptomatic patients with chronic aortic regurgitation, 1702
- Aortocoronary bypass: See Heart surgery
- APACHE II, assessment of the prognosis of coronary patients, 1666  
immunoglobulin administration in postcardiac surgical patients at high risk for sepsis, 419  
noninvasive ventilation: a welcome resurgence and a plea for caution, 1482
- Apnea-hypopnea index, Cheyne-Stokes respiration during sleep in congestive heart failure, 467
- ARDS: See Respiratory distress syndrome, adult
- Arginine, applied nutrition in ICU patients: ACCP consensus statement, 769
- Argyrophilic nucleolar organizer region: See Nucleolar organizer region

- Arousal, sleep-related myocardial ischemia and sleep structure in patients with obstructive sleep apnea and coronary heart disease, 387
- Arrhythmia, ventricular, exercise-induced, and sudden cardiac death in a family, 1130
- man with AIDS experiences near-syncope, 501
- Arterial puncture, sampling arterial blood with a fine needle, 1474
- Arteries, great, cardiorespiratory response to exercise after venous switch operation for transposition of, 23
- Arteriography, woman with cavitating left upper lobe lesion, 1757
- Arteriovenous malformation, hemoptysis, hepatopulmonary syndrome, and respiratory failure, 1724
- Arthritis, rheumatoid, usefulness of diagnostic tests on pericardial fluid, 1213
- Artificial respiration: See Respiration, artificial
- Asbestosis, asbestos-related disorders... a realistic perspective, 1424
- diagnosis of: *primum non nocere*, 1427
- Aspen Lung Conference, genes and gene therapy: the Thomas L. Petty 39th Annual Conference, June supp. pp 69S-152S
- Aspergilloma, pulmonary, and AIDS, 612
- Aspergillus, bronchitis, relapsing, in a double lung transplant patient successfully treated with a new oral antimycotic agent, 835
- Aspiration, bedside methods for detecting, in tube-fed patients, 724
- quantitative, during sleep in normal subjects, 1266
- Aspiration biopsy: See Biopsy
- Aspiration pneumonia: See Pneumonia, aspiration
- Aspirin, effect of, on pulmonary gas exchange in patients with severe pneumonia, 1094
- sensitive asthmatic patient, chest pain in, vol. 110:1117; erratum, vol. 111:259
- Assist-control ventilation, comparative physiologic effects of noninvasive PSV and, in acute hypercapnic respiratory failure, 1639
- comparison of PSV and, in the treatment of acute respiratory failure, 1322
- noninvasive positive pressure ventilation for acute respiratory failure: underutilized or overrated? 1672
- noninvasive ventilation: a welcome resurgence and a plea for caution, 1482
- Association of Directors of Anatomic and Surgical Pathology, what's new in staging of lung cancer? 1486
- Asthma, acute, clinical efficacy of combination nebulized anticholinergic and adrenergic bronchodilators vs nebulized adrenergic bronchodilator alone in, 311
- acute, exhaled pentane levels in, 862
- acute, measurement of respiratory resistance in the emergency department: feasibility in young children with, 1519
- acute, ultrasonic nebulization of albuterol is no more effective than jet nebulization for the treatment of acute asthma in children, 1505
- adverse effects of corticosteroid therapy for COPD: a critical review, 732
- aerosol delivery during continuous nebulization, 1200
- airways remodeling is a distinctive feature of, and is related to severity of disease, 852
- autonomic regulation in asthmatics with gastroesophageal reflux, 65
- bronchial, airways remodeling is a distinctive feature of asthma and is related to severity of disease, 852
- bronchial, vagotonia and, 8
- chest pain in an aspirin-sensitive patient: eosinophilic esophagitis causing esophageal dysmotility, vol. 110:1117; erratum, vol. 111:259
- effect of inhaled magnesium sulfate on sodium metabisulfite-induced bronchoconstriction in, 858
- effect of nebulized albuterol on the activity of the renin-angiotensin system in, 71
- effect of salmeterol on nocturnal symptoms, airway function, and inflammation in, 1249
- effects of the combination of inhaled ipratropium and oral theophylline in, 1509
- factors associated with emergency department dependence of patients with, 290
- incidence and outcomes of, in the elderly, 303
- management: perspectives and paradigms in a changing environment, Feb. supp. pp. 1S-68S
- noninvasive ventilation: a welcome resurgence and a plea for caution, 1482
- nonspecific airway hyperresponsiveness in HIV disease, 121
- paradoxical down-regulation and desensitization of  $\beta_2$ -adrenoceptors by exogenous progesterone in female asthmatics, 847
- paradoxical effect of bronchodilators, 1766
- postesophagectomy mediastinal chylothorax causing upper airway obstruction misdiagnosed as, 1126
- prehospitalization inhaled corticosteroid use in patients with COPD or, 296
- premenstrual, 'circa menstrual' rhythmicity and, 840
- rapid desktop theophylline assay, 324
- reduction of environmental tobacco smoke exposure in asthmatic children, 81
- role of gastroesophageal reflux in chronic cough and, 1389
- soybean, specific immunoglobulins to soybean hull allergens in, 75
- stable, lung epithelial permeability and bronchial responsiveness in subjects with, 1255
- symptom-based measure of the severity of chronic lung disease, 1607
- usefulness of flow volume loops, emergency and ICU settings, 481
- Atelectasis, complete lobar collapse following pulmonary lobectomy, 1285
- following aortocoronary bypass, is (it) related to temperature? 1290
- obstructive, in patients with small cell lung cancer, 115
- pleural effusions in the medical ICU, 1018
- predictors of postoperative pulmonary complications following abdominal surgery, 564
- Atenolol, exercise-induced ventricular arrhythmias and sudden cardiac death in a family, 1130
- Atherosclerosis, aneurysmal coronary artery disease, 796
- noninvasive detection of lesions by  $^{99m}\text{Tc}$ -based immunoscintigraphic targeting of proliferating smooth muscle cells, 1694
- Atopy: See Hypersensitivity, immediate
- Atrial fibrillation, lone, oxygen uptake kinetics and cardiopulmonary performance in, and the effects of sotalol, 934
- nonrheumatic, platelet activation in embolic and preembolic status of patients with, 929
- nonsustained polymorphous ventricular tachycardia during amiodarone therapy for, complicating cardiomyopathy, 1454
- Atrium, left: See also Ventricle, left, aorto-, fistula: a reversible cause of acute refractory heart failure, 828
- Atrium, right: See Ventricle, right
- Automobile drivers, sedation in fiberoptic bronchoscopy, 1142
- Autonomic control of the cardiovascular system, effects of inhaled albuterol and ipratropium bromide on, 1514
- regulation in asthmatics with gastroesophageal reflux, 65
- Autopsy, pathologic changes of the trachea after percutaneous dilational tracheostomy, 255, 256
- Aviation, algorithm for pulmonary screening of military pilots in Israel, 916
- Azathioprine, desensitization to trimethoprim-sulfamethoxazole following lung transplantation, 1147
- Baclofen, antitussive effect of the GABA-agonist, 996
- Bacterial colonization, gastric, role of intermittent enteral feeding in reducing, in mechanically ventilated patients, 1475
- Bacterial cultures, usefulness of diagnostic tests on pericardial fluid, 1213
- Bacterial infections: See Pneumonia; Pulmonary infections
- Bacterial/permeability-increasing protein, 577
- Balloon tamponade, alternative to the football helmet, 1786
- Bayesian mathematics, reliability of polymerase chain reaction in diagnosis of mycobacterial infection, 832
- Beclomethasone, pulmonary delivery of liposome aerosol in volunteers, 316
- Behavior, adverse effects of corticosteroid therapy for COPD: a critical review, 732
- critical age that the young start the devastating habits of smoking and narcotics, 1466



- effect of a patient's risk-taking attitude on the cost effectiveness of testing strategies in the evaluation of pulmonary lesions, 1583
- modification, who should treat sleep apnea and how? 266
- reduction of environmental tobacco smoke exposure in asthmatic children, 81
- sleep/wake habits of patients diagnosed as having obstructive sleep apnea, 1494
- Benzodiazepines, sedation in fiberoptic bronchoscopy, 1142
- $\beta$ -endorphin: See Endorphin
- Biochemistry, laboratory abnormalities in patients with bacterial pneumonia, 595
- Biopsy, CT-guided, multiple myeloma, 1750
- cutting needle, diffuse lung disease, 1615
- endobronchial disease, in pulmonary sarcoidosis, 619
- endobronchial, sarcoidosis, 538
- fine-needle aspiration, patient's risk-taking attitude, pulmonary lesions, 1583
- fine-needle, cost of diagnosis, 870
- lung, video-assisted thoracoscopy's anniversary, 268
- needle, lung, pneumothorax risk prediction in, 1141
- needle, relevance of training in fine-needle technique, 103
- open lung, cost: solitary radiographic lung lesions, 870
- open lung, pulmonary alveolar proteinosis, 460
- pleural, thoracoscopy in children and adolescents, 494
- pleural fluid cytologic evaluation, malignant mesothelioma, 106
- surveillance bronchoscopy in lung transplant recipients, 377
- thoracoscopic, diagnosis of asbestosis, 1427
- transbronchial, alveolar damage in AIDS-related *Pneumocystis carinii* pneumonia, 1193
- transbronchial, cytomegalovirus as primary pathogen in AIDS, 128
- transbronchial, alveolar proteinosis, 460
- Biotrack 516: See Theophylline, assay
- Blacks, endobronchial disease and racial differences in pulmonary sarcoidosis, 619
- importance of ethnicity in the diagnosis and prognosis of sarcoidosis, 838
- Blebs, thoracoscopic wedge resection of blebs under local anesthesia with sedation for treatment of a spontaneous pneumothorax, 230
- Bleomycin, with and without granulocyte colony stimulating factor, pulmonary toxicity in patients with advanced-stage germ cell tumors receiving, 657
- Blood, acute activation of circulating polymorphonuclear neutrophils following *in vivo* administration of cocaine, 698
- dangerous curves: a perspective on exercise, lactate, and the anaerobic threshold, 787
- effect of nebulized albuterol on the activity of the renin-angiotensin system in asthma, 71
- erythropoietin in pediatric cardiac surgery, 1565
- evaluation of IgA-mediated humoral immune response against the mycobacterial antigen P-90 in diagnosis of pulmonary tuberculosis, 601
- factor V Leiden prevalence in venous thromboembolism patients, 1603
- laboratory abnormalities in patients with bacterial pneumonia, 595
- measurement of pleural fluid cholesterol levels, 525
- plasma  $\beta$ -endorphin response to exercise in patients with congestive heart failure, 19
- rapid desktop theophylline assay, 324
- sampling, arterial, with a fine needle, 1474
- transfusions, fresh frozen plasma, postpneumectomy pulmonary edema, 1278
- Blood flow, cardiac resuscitation: the search for hemodynamically more effective methods, 712
- coronary, effect of mechanical vs a pharmacologic increase in aortic pressure on thrombolysis, 449
- liver function and splanchnic ischemia in critically ill patients, 180
- noninvasive measurement of pulmonary arterial blood velocity: can it replace right heart catheterization? 1470
- Blood gases, air, by any other name. . . , 1786
- pulmonary radiation injury, 1061
- Blood pressure, effect of mechanical vs a pharmacologic increase in aortic pressure on coronary blood flow and thrombolysis induced by IV administration of a thrombolytic agent, 449
- pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Body mass, index, obesity and pulmonary function, 844
- index, postoperative complications following abdominal surgery, 564
- long-term change, adults with cystic fibrosis, 338
- Body position, bedside methods for detecting aspiration, 724
- prone, and low-volume pressure limited ventilation in severe ARDS, 1008
- Body weight: See Obesity; Weight
- Bone, Roger, strength and character, 1
- Bone marrow transplantation, bronchoscopic evaluation of pulmonary infiltrates following, 135
- fatal pneumothorax complicating BAL in a recipient with bronchiolitis obliterans, 1468
- Bone mineral density, adverse effects of corticosteroid therapy for COPD, 732
- osteoporosis in patients undergoing lung transplantation, 257
- Bone scans, technetium phosphate, (can they) objectively document costochondritis? 1600
- Bookshelf, Mar. A-16, Apr. A-36, May A-22, June A-28
- Brachial artery, woman with cavitating left upper lobe lesion, 1757
- Brachytherapy, endoscopic treatment of malignant airway obstructions in 2,008 patients, vol. 110:1536; erratum, vol. 111:1476
- high dose rate, curative irradiation of limited endobronchial carcinomas with, 1417
- strategies for treatment of occult carcinomas of the endobronchus, 1158
- Brain death alters cardiopulmonary hemodynamics and impairs right ventricular power reserve against an elevation of pulmonary vascular resistance, 706
- sarcoidosis presenting as a central nervous system mass lesion, 518
- serotonin-induced cortisol release in CPAP-treated obstructive sleep apnea patients, 632
- thrombolysis in the presence of an intracranial meningioma, 258
- thrombolytic therapy for pulmonary embolism: frequency of intracranial hemorrhage and associated risk factors, 1241
- Brazil, retreatment tuberculosis cases, 1162
- Bromine, another hot tub hazard: toxicity secondary to hydrobromic acid exposure and, 816
- Bronchi: See also Airway; ciliary beat frequency in human bronchioles and, 692
- disease and racial differences in pulmonary sarcoidosis, 619
- responsiveness and lung epithelial permeability, in subjects with stable asthma, 1255
- safety of combined heat and moisture exchanger filters in long-term mechanical ventilation, 686
- strategies for treatment of occult carcinomas of the endobronchus, 1158
- Bronchial carcinoid tumor, unilateral lung hyperinflation in a patient with chronic cough, 1117
- Bronchial carcinoma: See Carcinoma, bronchial
- Bronchial provocation, short protocol for methacholine testing adapted to the Rosenthal-Chai dosimeter technique, 866
- Bronchial torsion, kyphoscoliosis and, 1134
- Bronchiectasis, downsizing competence, 1478
- Bronchioles, ciliary beat frequency in human bronchi and, 692
- Bronchiolitis: See also Panbronchiolitis
- Bronchiolitis obliterans, fatal pneumothorax complicating BAL in a bone marrow transplant recipient with, 1468
- organizing pneumonia, hemoptysis as the presenting symptom in, 1775
- syndrome, detection of small airway dysfunction using specific airway conductance, 1533
- syndrome, high-resolution CT in long-term follow-up after lung transplantation, 370
- Bronchioloalveolar carcinoma: See Carcinoma, bronchioloalveolar
- Bronchitis, antibiotics in acute, and exacerbations of chronic, 1788
- Aspergillus, relapsing, in a double lung transplant patient successfully treated with a new oral antimycotic agent, 835
- baseline characteristics of enrollees in the National Heart, Lung and Blood Institute Registry of  $\alpha_1$ -antitrypsin deficiency, 394
- chronic, symptom-based measure of the severity of chronic lung disease, 1607



- nonspecific airway hyperresponsiveness in HIV disease, 121
- Bronchoalveolar lavage, cytomegalovirus as a primary pulmonary pathogen in AIDS, 128
- diagnosing pulmonary alveolar proteinosis, 460
- diagnosis of hypersensitivity pneumonitis, 534
- early reperfusion induces alveolar injury in pulmonary embolism, 198
- empiric treatments impair the diagnostic yield of BAL in HIV-positive patients, 1180
- fatal pneumothorax complicating, in a bone marrow transplant recipient with bronchiolitis obliterans, 1468
- fluid, gamma-delta T cells in, of chronic lower respiratory tract infection, 1697
- fluid, usefulness of quantitative cultures of, for diagnosing nosocomial pneumonia in ventilation patients, 411
- impact of BAL data on the therapy and outcome of ventilator-associated pneumonia, 676
- Bronchoconstriction, effect of inhaled magnesium sulfate on sodium metabisulfite-induced, in asthma, 858
- role of gastroesophageal reflux in chronic cough and asthma, 1389
- Bronchodilators, aerosol delivery during continuous nebulization, 1200
- combination nebulized anticholinergic and adrenergic, clinical efficacy of, vs nebulized adrenergic bronchodilator alone in acute asthma, 311
- comparison of pulmonary availability between Ventolin (albuterol) nebulized and Ventolin (albuterol) respirator solution, 204
- effects of inhaled albuterol and ipratropium bromide on autonomic control of the cardiovascular system, 1514
- effects of the combination of inhaled ipratropium and oral theophylline in asthma, 1509
- measuring nebulizer output: aerosol production vs gravimetric analysis, 1361
- paradoxical effect of, 1766
- ultrasonic nebulization of albuterol is no more effective than jet nebulization for the treatment of acute asthma in children, 1505
- Bronchogenic carcinoma: See Carcinoma, bronchogenic
- Bronchopleural fistula: See Fistula
- Bronchoprovocation: See Bronchial provocation
- Bronchopulmonary air leaks, diagnosis and localization of, using ventilation scintigraphy, 286
- Bronchorrhea, persistent pulmonary infiltrate and, in a young woman, 1442
- Bronchoscopy, cost of diagnosis: comparison of strategies, solitary radiographic lung lesions, 870
- detection of chromosomal aneuploidy by interphase fluorescence *in situ* hybridization, lung cancer patients, 1691
- effect of a patient's risk-taking attitude on the cost effectiveness of testing strategies in the evaluation of pulmonary lesions, 1583
- endoscopic treatment of malignant airway obstructions, vol. 110: 1536; erratum, vol. 111:1476
- evaluation of pulmonary infiltrates following bone marrow transplantation, 135
- fiberoptic, early complications and value of initial observations, smoke inhalation without burns, 671
- fiberoptic, empiric treatments impair yield of BAL in HIV-positive patients, 1180
- fiberoptic, endobronchial disease and racial differences in pulmonary sarcoidosis, 619
- fiberoptic, evaluation of pulmonary infiltrates following bone marrow transplantation, 135
- fiberoptic, lung cancer as a cause of hemoptysis, patients with a normal chest radiograph, 877
- fiberoptic, presenting results of studies evaluating diagnostic tests, 842
- fiberoptic, sedation in, 1142
- fiberoptic, usefulness of collecting routine cytologic specimens, lung carcinoma, 522, 523
- fiberoptic, usefulness of quantitative cultures of BAL fluid, nosocomial pneumonia in ventilation patients, 411
- from magic mountains to modern times, 1153
- impact of BAL data on the therapy and outcome of ventilator-associated pneumonia, 676
- kyphoscoliosis and bronchial torsion, 1134
- relevance of training in transbronchial fine-needle aspiration technique, 103
- surveillance, in lung transplant recipients, 377
- Brush sampling, protected specimen: See Diagnosis
- Bullae, alternative technique in the management of bullous emphysema: thoracoscopic endoloop ligation of, 489
- cost-effective and surgically effective lung volume reduction surgery, 268
- management of a giant fluid-filled bulla by closed-chest thoracotomy tube drainage, 1772
- surgically treated pneumothorax, 280
- therapeutic thoracoscopy under local anesthesia, 1785
- Bumetanide, continuous infusion of, severe musculoskeletal symptoms during, 359
- Burns, early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without, 671
- Bupirone, treatment algorithm for OSA, 528
- Calcifying liver metastases in a case with primary lung cancer, 1121
- Calcium, antagonists, comparison of two long-acting vasoselective, in pulmonary hypertension secondary to COPD, 1622
- Calcium channel blockers, myocardial contractile reserve as prognostic determinant in patients with idiopathic dilated cardiomyopathy without overt heart failure, 344
- Canada, citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- fatal cases of farmer's lung: probable new antigens, *Penicillium brevicompactum* and *P. allicolor*, 245
- Canadian Critical Care Trials Group, 261
- Capsaicin, antitussive effect of the GABA-agonist baclofen, 996
- Captopril, managing asymptomatic patients with chronic aortic regurgitation, 1702
- Carbon dioxide, see also Hypercapnia, cardiorespiratory response to exercise after venous switch operation for transposition of the great arteries, 23
- Cheyne-Stokes respiration during sleep in congestive heart failure, 467
- combination of tracheal gas insufflation and airway pressure release ventilation, 1366
- DCO<sub>2</sub> measured by gastric tonometry predicts survival in children receiving extracorporeal life support, 174
- 'dephlogisticated air' revisited, 269
- estimation of mixed venous PCO<sub>2</sub> for determination of cardiac output in children, 474
- nocturnal noninvasive positive pressure ventilatory assistance, vol. 110:1581; erratum, vol. 111:1148
- predicting eventual success or failure to wean, vol. 110:1018; erratum, vol. 111:836
- rebreathing, estimation of mixed venous PCO<sub>2</sub> for determination of cardiac output in children, 474
- rebreathing, impedance cardiography accurately measures cardiac output during exercise in children with cystic fibrosis, 333
- removal, extracorporeal, interest of a therapeutic optimization strategy in severe ARDS, 1000
- removal, extracorporeal, rescue therapy for ARDS, 845
- reversal of central sleep apnea with oxygen, 163
- why be limited to nocturnal noninvasive IPPV? 1471, 1472
- Carbon monoxide, acute effects of intravenous cocaine on pulmonary artery pressure and cardiac index in habitual crack smokers, 30
- early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- pulmonary fibrosis: simple may be better, 7
- Carcinoembryonic antigen, elevated level of, in nonmalignant pleural effusions, 643
- Carcinoid tumor, bronchial, unilateral lung hyperinflation in a patient with chronic cough, 1117
- Carcinoma, bronchial, limited, curative irradiation of, with high dose rate brachytherapy, 1417
- bronchial, perfusion lung scintigraphy for the prediction of post-lobeotomy residual pulmonary function, 1542

- bronchioloalveolar, persistent pulmonary infiltrate and bronchorehea in a young woman, 1442
- bronchogenic, incentive spirometry performance, 559
- bronchogenic, neurocardiogenic syncope and Prinzmetal's angina associated with, 819
- bronchogenic, presenting results of studies evaluating diagnostic tests, 842
- bronchogenic, relevance of training in transbronchial fine-needle aspiration technique, 103
- endoscopic treatment of malignant airway obstructions, vol. 110: 1536; erratum, vol. 111:1476
- large cell, revisions in the International System for Staging Lung Cancer, 1710
- lung, endoscopically visible and nonvisible, usefulness of collecting routine cytologic specimens during fiberoptic bronchoscopy for, 522, 523
- occult, of the endobronchus, strategies for treatment of, 1158
- postoperative lung cancer surveillance, 11
- primary lymphoepithelioma-like, of the lung in a child: report of an Epstein-Barr virus-related neoplasm, 250
- refractory hypoxemia due to intrapulmonary shunting associated with, 1120
- small-cell, obstructive atelectasis in patients with small cell lung cancer, 115
- small cell, revisions in the International System for Staging Lung Cancer, 1710
- squamous cell, of the lung, morphometric evaluation of argyrophilic nucleolar organizer region is useful in predicting long-term survival in, 110
- squamous cell, revisions in the International System for Staging Lung Cancer, 1710
- squamous cell, 60-year-old man with a malignant tumor of the upper airway and unexplained respiratory failure, 239
- squamous cell, strategies for treatment of occult carcinomas of the endobronchus, 1158
- what's new in staging of lung cancer? 1486
- Cardiac arrest: See Heart arrest
- Cardiac contusion: See Heart injury
- Cardiac images, aneurysmal coronary artery disease: atherosclerotic coronary artery ectasia or adult mucocutaneous lymph node syndrome (Kawasaki's disease)? 796
- aortic root abscess with fistula formation, 1436
- Cardiac neoplasms: See Heart neoplasms
- Cardiac output, acute effects of intravenous cocaine on pulmonary artery pressure and cardiac index in habitual crack smokers, 30
- effect of mechanical vs a pharmacologic increase in aortic pressure, thrombolysis induced by IV administration, 449
- effects of changes in ventilation and, on expired nitric oxide, 1045
- estimation of mixed venous  $PCO_2$  for determination of, in children, 474
- impedance cardiography accurately measures, during exercise in children with cystic fibrosis, 333
- is measurement of, using impedance cardiography accurate? 1786
- left atrial function, predictor of exercise capacity, patients with recent myocardial infarction, 922
- noninvasive measurement of, by an acetylene uptake technique and simultaneous comparison with thermodilution, 1295
- ventilation-perfusion response after fenoterol in hypoxemic patients with stable COPD, vol. 110:71; erratum, vol. 111:254
- Cardiac surgery: See Heart surgery
- Cardiac troponin, see Troponin
- Cardiography, impedance, accurately measures cardiac output during exercise in children with cystic fibrosis, 333
- impedance, is measurement of cardiac output using (it) accurate? 1786
- Cardiology practice today, rise, fall, and rise again of the ECG as a diagnostic tool, 800
- Cardiomyopathy, idiopathic dilated, myocardial contractile reserve as prognostic determinant in patients with, without overt heart failure, 344
- noninvasive measurement of cardiac output by an acetylene uptake technique and simultaneous comparison with thermodilution in ICU patients, 1295
- nonsustained polymorphous ventricular tachycardia during amiodarone therapy for atrial fibrillation complicating, 1454
- restrictive, idiopathic myocardial vasculitis presenting as, 1462
- silent ischemic, is aging a risk factor for? 527
- Cardioplegia, is atelectasis following aortocoronary bypass related to temperature? 1290
- Cardiopulmonary bypass, cardiac resuscitation: the search for hemodynamically more effective methods, 712
- median fibrillation frequency in cardiac surgery: influence of temperature and guide to countershock therapy, 1560
- release of lipopolysaccharide toxicity-modulating proteins in patients undergoing, using noncoated and heparin-coated extracorporeal circuits, 577
- Cardiopulmonary complications: See also Postoperative complications; Pulmonary complications, is direct physician supervision of exercise stress testing routinely necessary? 262
- Cardiopulmonary disease, clinical problems in, hemoptysis, hepatopulmonary syndrome, and respiratory failure, 1724
- Cardiopulmonary effects of laparoscopic surgery, revisited, 1787
- Cardiopulmonary performance, oxygen uptake kinetics and, in lone atrial fibrillation and the effects of sotalol, 934
- Cardiopulmonary resuscitation, Buddha, 524, 525
- DNR decisions in the medical ICU: comparing physician and nurse opinions, 1106
- search for hemodynamically more effective methods, 712
- Cardiopulmonary system, dangerous curves: a perspective on exercise, lactate, and the anaerobic threshold, 787
- Cardiorespiratory response to exercise after venous switch operation for transposition of the great arteries, 23
- Cardiovascular diseases, neurocardiogenic syncope and Prinzmetal's angina associated with bronchogenic carcinoma, 819
- Cardiovascular system, effects of inhaled albuterol and ipratropium bromide on autonomic control of, 1514
- Cardioversion, cardiac troponin I does not increase after, 15
- Cataracts, adverse effects of corticosteroid therapy for COPD, 732
- Catheters, airway exchange, for safe extubation, 1483
- Fogarty, effect of mechanical vs a pharmacologic increase in aortic pressure, 449
- indwelling small pleural, needle thoracentesis in the management of large pleural effusions, 981
- pediatric airway exchange, prospective study of the safety of tracheal extubation using, for patients with a known difficult airway, 1660
- pulmonary artery flotation: better late than never? 1465
- pulmonary artery flotation: statement by ACCP, ATS, 261
- right heart: can noninvasive measurement of pulmonary arterial blood velocity replace it? 1470
- right heart, unilateral pulmonary artery agenesis in adulthood, 832, 834
- Swan-Ganz, -induced pulmonary artery pseudoaneurysm, immediate transcatheter embolization of, 1450
- CD4+, circulating T cells, cytokine gene expression profile of, in active pulmonary tuberculosis, 606
- pulmonary aspergilloma and AIDS, 612
- CD14, soluble, release of lipopolysaccharide toxicity-modulating proteins in patients undergoing cardiopulmonary bypass using noncoated and heparin-coated extracorporeal circuits, 577
- CD63, platelet activation in embolic and preembolic status of patients with nonrheumatic atrial fibrillation, 929
- Central nervous system, arousal, sleep-related myocardial ischemia and sleep structure in patients with obstructive sleep apnea and coronary heart disease, 387
- mass lesion, sarcoidosis presenting as, 518
- Cephalometry, contribution of craniofacial risk factors in increasing apneic activity among obese and nonobese habitual snorers, 154
- Cervicitis, sclerosing, successful treatment of fibrosing mediastinitis and, with tamoxifen, 1137
- Check valve phenomenon: See Bronchial carcinoid tumor
- Chemotherapy, induction, pilot phase 2 study of surgical treatment after, for resectable stage I to IIIA small cell lung cancer, 1089
- neurocardiogenic syncope and Prinzmetal's angina associated with bronchogenic carcinoma, 819
- obstructive atelectasis in patients with small cell lung cancer, 115

- primary lymphoepithelioma-like carcinoma of the lung in a child: report of an Epstein-Barr virus-related neoplasm, 250
- pulmonary radiation injury, 1061
- pulmonary toxicity in patients with advanced-stage germ cell tumors receiving bleomycin with and without granulocyte colony stimulating factor, 657
- CHEST, www.journal? 1477
- Chest injury, cardiac resuscitation: the search for hemodynamically more effective methods, 712
- Chest pain, can technetium phosphate bone scans objectively document costochondritis? 1600
- in an aspirin-sensitive asthmatic patient, vol. 110:1117; erratum, vol. 111:259
- is direct physician supervision of exercise stress testing routinely necessary? 262
- non-serratus-sparing antero-axillary thoracotomy with disconnection of anterior rib cartilage, 572
- prognostic significance of precordial ST-segment changes in acute inferior wall myocardial infarction, 1039
- successful treatment of sclerosing cervicitis and fibrosing mediastinitis with tamoxifen, 1137
- Chest tubes: See Intubation
- Chest wall, cardiopulmonary effects of laparoscopic surgery, revisited, 1787
- motion monitoring, evaluation of respiratory inductive plethysmography, 910
- nocturnal noninvasive positive pressure ventilatory assistance, vol. 110:1581; erratum, vol. 111:1148
- Cheyne-Stokes respiration, 'dephlogisticated air' revisited, 269
- during sleep in congestive heart failure, 467
- reversal of central sleep apnea with oxygen, 163
- Children, aerosol delivery during continuous nebulization, 1200
- asthmatic, reduction of environmental tobacco smoke exposure in, 81
- critical age that the young start the devastating habits of smoking and narcotics, 1466
- estimation of mixed venous  $PCO_2$  for determination of cardiac output in, 474
- heterogeneous *Serratia marcescens* genotypes from a nosocomial pediatric outbreak, 194
- how many maneuvers are required to accurately measure maximal inspiratory pressure? 802
- normal white, development of ventilatory responses to exercise in, 327
- primary lymphoepithelioma-like carcinoma of the lung in a child: report of an Epstein-Barr virus-related neoplasm, 250
- receiving extracorporeal life support, 174
- respiratory drug delivery, 1155
- subglottic stenosis complicating cardiac surgery in, 1769
- thoracoscopy in adolescents and, 494
- video-assisted thoracoscopy's anniversary, 268
- with cystic fibrosis, impedance cardiography accurately measures cardiac output during exercise in, 333
- with habitual snoring and obstructive sleep apnea, high prevalence of allergic sensitization in, 170
- ultrasonic nebulization of albuterol is no more effective than jet nebulization for the treatment of acute asthma in, 1505
- young, with acute asthma: measurement of respiratory resistance, 1519
- Cholesterol, diagnostic value of tests that discriminate between exudative and transudative pleural effusions, 970
- levels, measurement of pleural fluid, 525
- Cholinergics, vagotonia and bronchial asthma, 8
- Chordoma, tracheal deviation from an atypical mediastinal mass, 503
- Chromosomal aneuploidy: See Genetics
- Chylothorax, mediastinal, postesophagectomy, causing upper airway obstruction misdiagnosed as asthma, 1126
- Ciliary beat frequency in human bronchi and bronchioles, 692
- Cisplatin, objective response to epirubicin and lisdamine in a case of advanced thymoma previously treated with the ADOC scheme and unresponsive to paclitaxel plus cyclophosphamide, 1473
- Classification and regression trees: See Decision trees
- Clinical practice guidelines: See Guidelines
- Clinical trials: See Research
- Coagulopathy, following hysteroscopic surgery, 513
- Coal miners, black sputum and progressive cavitory lung lesion in, 808
- Cocaine, acute activation of circulating polymorphonuclear neutrophils following *in vivo* administration of: potential etiology for pulmonary injury, 698
- acute effects of intravenous cocaine on pulmonary artery pressure and cardiac index in habitual crack smokers, 30
- induced myocardial infarction, serial angiography in, 822
- Cognition, predictors of postoperative pulmonary complications following abdominal surgery, 564
- College, ACCP medical personnel services, Jan. A-21, A-26, A-34, A-43, A-44, A-50, A-53; Feb., A-34, A-40, A-42, A-46, A-52, A-55, A-60, A-64; Mar. A-28, A-34, A-40, A-42, A-44, A-51, A-52; Apr., A-42, A-46, A-48, A-54, A-64, A-65; May A-26, A-28, A-32, A-36, A-39, A-44, A-48; June A-34, A-40, A-42, A-46, A-51, A-56
- College of American Pathologists, what's new in staging of lung cancer? 1486
- Compartment syndrome, 41-year-old man with thigh pain and loss of sensation in the toes, 810
- Competence: See Quality
- Compressed air: See Air
- Compression, chest, pneumatic, incidence of deep venous thrombosis in ICU patients, 661
- precordial, cardiac resuscitation: the search for hemodynamically more effective methods, 712
- Computed tomography: See Tomography, computed
- Computer-based image analysis, morphometric evaluation of argyrophilic nucleolar organizer region is useful in predicting long-term survival in squamous cell carcinoma of the lung, 110
- consensus approach to diagnosing coronary artery disease based on clinical and exercise test data, 1742
- www.journal? 1477
- Congestive heart failure: See Heart failure, congestive
- Connective tissue disease, mixed: See Sclerosis, systemic
- Consciousness, loss of, early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- Consensus, approach to diagnosing coronary artery disease based on clinical and exercise test data, 1742
- surveillance bronchoscopy in lung transplant recipients, 377
- Consensus statements, applied nutrition in ICU patients: ACCP statement, 769
- pulmonary artery flotation catheters: better late than never? 1465
- pulmonary artery flotation catheters: a statement by ACCP, ATS, 261
- Continuity of care, postoperative lung cancer surveillance, 11
- Contractile reserve, myocardial: See Myocardium
- Controller gain: See Cheyne-Stokes respiration
- Contusions, cardiac: See Heart injury
- Cook airway exchange catheter: See Catheters
- Cor pulmonale, acute, echocardiographic pattern of, 209
- diffuse tumor microembolism, 1122
- Coronary artery, bilateral functioning Vineberg grafts, 824
- effect of mechanical vs a pharmacologic increase in aortic pressure on coronary blood flow and thrombolysis induced by IV administration of a thrombolytic agent, 449
- occlusion, serial angiography in cocaine-induced myocardial infarction, 822
- thrombosis, effect of mechanical vs a pharmacologic increase in aortic pressure on coronary blood flow and thrombolysis induced by IV administration of a thrombolytic agent, 449
- thrombosis, left anterior descending, bridge: early death after cardiac transplantation, 511
- Coronary artery bypass surgery, aneurysmal coronary artery disease: atherosclerotic coronary artery ectasia or adult mucocutaneous lymph node syndrome? 796
- Coronary disease, assessment of prognosis: performance and customization of generic severity indexes, 1666
- consensus approach to diagnosing, based on clinical and exercise test data, 1742
- sleep-related myocardial ischemia and sleep structure in patients with obstructive sleep apnea and, 387
- Coronary reperfusion, cardiac troponin: See ya later, CKI 2

- Corticosteroids, acute lupus pneumonitis with normal chest radiograph, 1781
- adverse effects of, for COPD, 732
- importance of ethnicity in the diagnosis and prognosis of sarcoidosis, 838
- inhaled, prehospitalization use in patients with COPD or asthma, 296
- pulmonary radiation injury, 1061
- sarcoidosis presenting as a central nervous system mass lesion, 518
- steroid responsive interstitial pneumonitis after fludarabine therapy, 1472
- therapy, outcome in sarcoidosis: the relationship of relapse to, 623
- Corticotropin, adverse effects of corticosteroid therapy for COPD, 732
- Cortisol, release, serotonin-induced, in CPAP-treated obstructive sleep apnea patients, 632
- Cost, aerosol delivery during continuous nebulization, 1200
- antibiotics in acute bronchitis and exacerbations of chronic bronchitis, 1788
- citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- community-based regional ventilator weaning unit, 1024
- downsizing competence, 1478
- effectiveness, alternative technique in the management of bullous emphysema: thoracoscopic endoloop ligation of bullae, 489
- effectiveness, is direct physician supervision of exercise stress testing routinely necessary? 262
- effectiveness, surgically effective lung volume reduction surgery, 268
- effectiveness, effect of a patient's risk-taking attitude on, of testing strategies in the evaluation of pulmonary lesions, 1583
- human and financial, of noninvasive mechanical ventilation in patients affected by COPD and acute respiratory failure, 1631
- noninvasive positive pressure ventilation, 1479
- of diagnosis: a comparison of four different strategies in the workup of solitary radiographic lung lesions, 870
- preoperative spirometry and laparotomy, 1536
- reducing length of stay for patients hospitalized with exacerbation of COPD by using a practice guideline, 89
- role of gastroesophageal reflux in chronic cough and asthma, 1389
- there and back again: lung cancer screening, 532
- who should treat sleep apnea and how? 266
- Costochondritis, can technetium phosphate bone scans objectively document? 1600
- Cough, antitussive effect of the GABA-agonist baclofen, 996
- chronic, role of gastroesophageal reflux in asthma and, 1389
- chronic, unilateral lung hyperinflation in a patient with, 1117
- symptom-based measure of the severity of chronic lung disease, 1607
- that's no lady, revisited, 254, 255
- Counseling, reduction of environmental tobacco smoke exposure in asthmatic children, 81
- Countershock, success in humans, analysis of the ventricular fibrillation ECG signal amplitude and frequency parameters as predictors of, 584
- therapy, median fibrillation frequency in cardiac surgery: influence of temperature and guide to, 1560
- CPAP: See Positive airway pressure, continuous
- Crack cocaine: See Cocaine
- Craniofacial risk factors, contribution of, in increasing apneic activity among obese and nonobese habitual snorers, 154
- Creatine kinase, cardiac troponin I does not increase after cardioversion, 15
- cardiac troponin: See *ya later*, CK! 2
- circulating cardiac troponin T in myocardial contusion, 427
- MB, cardiac troponin I does not increase after cardioversion, 15
- Critical care, clinical investigations in, applied PEEP during pressure support reduces the inspiratory threshold load of intrinsic PEEP, 188
- assessment of the prognosis of coronary patients: performance and customization of generic severity indexes, 1666
- circulating cardiac troponin T in myocardial contusion, 427
- citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- clinically recognized cardiac dysfunction: role for serial measurement of cardiac troponin I? 1340
- community-based regional ventilator weaning unit, 1024
- comparative physiologic effects of noninvasive assist-control and PSV in acute hypercapnic respiratory failure, 1639
- comparison of early IgM-enriched immunoglobulin vs polyvalent IgG administration in score-identified postcardiac surgical patients at high risk for sepsis, 419
- comparison of PSV and assist-control ventilation in the treatment of acute respiratory failure, 1322
- DCO<sub>2</sub> measured by gastric tonometry predicts survival in children receiving extracorporeal life support, 174
- early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- effect of BiPAP nasal ventilation on the postoperative pulmonary restrictive syndrome in obese patients undergoing gastropasty, 665
- evidence for a hydrostatic mechanism in human neurogenic pulmonary edema, 1326
- heterogeneous *Serratia marcescens* genotypes from a nosocomial pediatric outbreak, 194
- human and financial costs of noninvasive mechanical ventilation in patients affected by COPD and acute respiratory failure, 1631
- impact of BAL data on the therapy and outcome of ventilator-associated pneumonia, 676
- impact of gender on outcome from mechanical ventilation, 434
- incidence of deep venous thrombosis in ICU patients, 661
- increased mortality of older patients with ARDS, 1334
- infections and the inflammatory response in, ARDS 1306
- interest of a therapeutic optimization strategy in severe ARDS, 1000
- intrinsic PEEP during one-lung ventilation for thoracic surgery, vol. 110:180; erratum, vol. 111:836
- liver function and splanchnic ischemia in critically ill patients, 180
- noninvasive measurement of cardiac output by an acetylene uptake technique and simultaneous comparison with thermodilution, 1295
- noninvasive positive pressure ventilation for acute respiratory failure: underutilized or overrated? 1672
- post-ICU mechanical ventilation, 1654
- predicting eventual success or failure to wean in patients receiving long-term mechanical ventilation, vol. 110:1018; erratum, vol. 111:836
- pressure vs flow triggering during PSV, 1649
- prognostic significance of precordial ST-segment changes in acute inferior wall myocardial infarction, 1039
- prone positioning and low-volume pressure limited ventilation improve survival in patients with severe ARDS, 1008
- prospective study of the safety of tracheal extubation using a pediatric airway exchange catheter for patients with a known difficult airway, 1660
- release of lactate by the lung in acute lung injury, 1301
- safety of combined heat and moisture exchanger filters in long-term mechanical ventilation, 686
- usefulness of quantitative cultures of BAL fluid for diagnosing nosocomial pneumonia in ventilation patients, 411
- Critical care medicine, see also Critical care, clinical investigations in; airway exchange catheters for safe extubation, 1483
- alternative to the football helmet, 1786
- applied nutrition in ICU patients: ACCP consensus statement, 769
- do-not-resuscitate decisions: comparing physician and nurse opinions, 1106
- evaluation of respiratory inductive plethysmography, 910
- from the bench to the bedside: the future of sepsis research, 744
- incentive spirometry performance: indicator of pulmonary function after lobectomy? 559
- movement disorders associated with withdrawal from high-dose intravenous haloperidol therapy in delirious patients, 1778
- peripartum pleural effusion, 1467
- pulmonary artery flotation catheters: better late than never? 1465
- pulmonary artery flotation catheters: statement by ACCP, ATS, 261
- succinylcholine-induced hyperkalemia following prolonged pharmacologic neuromuscular blockade, 248



- the truth is the truth, and HCFA knows it, 531  
 usefulness of flow volume loops, 451  
 work of breathing: the debate continues. . . , 225; the authors respond, 225
- Cross-infection: see also Pneumonia, nosocomial; citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030  
 heterogeneous *Serratia marcescens* genotypes from a nosocomial pediatric outbreak, 194  
 inflammatory response in ARDS, 1306
- CT scans: See Tomography, computed
- Cyclic AMP: See Adenosine monophosphate, cyclic
- Cyclooxygenase pathway, effect of acetylsalicylic acid on pulmonary gas exchange in patients with severe pneumonia, 1094
- Cyclophosphamide, objective response to epirubicin and lisdamine in a case of advanced thymoma previously treated with the ADOC scheme and unresponsive to paclitaxel plus, 1473
- Cyst, thick-walled, 31-year-old man with a, 1754
- Cystic fibrosis, choice of jet nebulizer, nebulizing flow, and addition of albuterol affects the output of tobramycin aerosols, 1206  
 comparison of peak sputum tobramycin concentration in patients with, using jet and ultrasonic nebulizer systems, 955  
 impedance cardiography accurately measures cardiac output during exercise in children with, 333  
 long-term change in exercise capacity, body mass, and pulmonary function in adults with, 338  
 pregnancy and, 963
- Cytogenetics, role of cytologic evaluation of pleural fluid in the diagnosis of malignant mesothelioma, 106
- Cytokines, acute activation of circulating polymorphonuclear neutrophils following *in vivo* administration of cocaine, 698  
 gene expression profile of circulating CD4+ T cells in active pulmonary tuberculosis, 606
- Cytology, cost of diagnosis: comparison of four strategies, solitary radiographic lung lesions, 870  
 detecting lung cancer as a cause of hemoptysis in patients with a normal chest radiograph: bronchoscopy vs CT, 877  
 pulmonary, usefulness of argyrophilic nucleolar organizer regions score to differentiate suspicious malignancy in, 1591  
 role of evaluation of pleural fluid in the diagnosis of malignant mesothelioma, 106  
 screening for lung cancer, 754  
 usefulness of collecting routine specimens during fiberoptic bronchoscopy for endoscopically visible and nonvisible lung carcinoma, 522, 523  
 usefulness of diagnostic tests on pericardial fluid, 1213
- Cytomegalovirus, as a primary pulmonary pathogen in AIDS, 128
- Cytotoxicity, antibody-dependent cell-mediated, acute activation of circulating polymorphonuclear neutrophils following *in vivo* administration of cocaine, 698
- Czechoslovak Study, lung cancer screening, 532, 754
- Dacron graft: See Graft
- Death: See also Fatal Outcome; Mortality, Buddha, 524, 525  
 sudden cardiac, exercise-induced ventricular arrhythmias and, in a family, 1130
- Debate in print, asbestos related disorders. . . a realistic perspective, 1424  
 diagnosis of asbestosis: *primum non nocere*, 1427  
 work of breathing: the debate continues. . . , 225; the authors respond, 225
- Debridement, new technology in the treatment of an old disease, 1478  
 rigid thorascopic, and continuous pleural irrigation in the management of empyema, 272
- Decision making: see also Behavior; Ethics: how tumor stage affects surgeons' surveillance strategies after lung cancer surgery, 99
- Delirium, movement disorders associated with withdrawal from high-dose intravenous haloperidol therapy in delirious ICU patients, 1778
- Delivery, obstetrical: See Obstetrics
- Dental prosthetic devices, survey of oral appliance practice among dentists treating obstructive sleep apnea patients, 382  
 who should treat sleep apnea and how? 266
- Dentists, treating obstructive sleep apnea patients, survey of oral appliance practice among, 382  
 who should treat sleep apnea and how? 266
- Denver, beyond directly observed therapy for tuberculosis, 1151  
 noncompliance with directly observed therapy for tuberculosis, 1168
- 'Dephlogisticated air': see Oxygen
- Developing countries, retreatment tuberculosis cases, 1162
- Dexamethasone treatment does not ameliorate subglottic ischemic injury in rabbits, 1356
- Dextran syndrome, acute hypotension, noncardiogenic pulmonary edema, anemia, and coagulopathy following hysteroscopic surgery using 32% dextran 70, 513
- Diabetes mellitus, adverse effects of corticosteroid therapy for COPD, 732  
 applied nutrition in ICU patients: ACCP consensus statement, 769
- Diagnosis: See also Cytology; Echocardiography; Electrocardiography; Radiography; names of specific diseases and conditions; citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030  
 cost of: a comparison of four different strategies, 870  
 early complications, and value of observations, smoke inhalation without burns, 671  
 empiric treatments impair the diagnostic yield of BAL in HIV-positive patients, 1180  
 how many maneuvers are required to accurately measure maximal inspiratory pressure? 802  
 interpretation of pericardial fluids, 1156  
 minimum number of tests, from magic mountains to modern times, 1153  
 number of tests needed, lung cancer causing hemoptysis, 877  
 presenting results of studies evaluating tests, 842  
 rapid desktop theophylline assay, 324  
 usefulness of tests on pericardial fluid, 1213
- Diagnostic errors, postesophagectomy mediastinal chylothorax causing upper airway obstruction misdiagnosed as asthma, 1126
- Diagnostic yield of BAL in HIV-positive patients, empiric treatments impair, 1180
- Diastole, effects of left ventricular peak filling rate on exercise capacity 3 to 6 weeks after acute myocardial infarction, 590  
 elastic energy as an index of right ventricular filling, 351  
 left atrial function as a reliable predictor of exercise capacity in patients with recent myocardial infarction, 922  
 managing asymptomatic patients with chronic aortic regurgitation, 1702  
 noninvasive assessment of right ventricular function by electrical impedance tomography, 1222  
 prevalence of sleep-disordered breathing in heart failure, 1488  
 thrombolytic therapy for pulmonary embolism, 1241
- Diethylenetriamine-pentaacetate (DTPA): See Technetium-DTPA
- Diflunisal, case of eosinophilic pneumonia and vasculitis induced by, 1767
- Digoxin, managing asymptomatic patients with chronic aortic regurgitation, 1702
- Directly observed therapy: See Tuberculosis
- Disinfectants, hot tub hazards, 813, 816
- Diuretics, severe musculoskeletal symptoms during continuous infusion of bumetanide, 359
- Do-not-resuscitate, decisions in the medical ICU: comparing physician and nurse opinions, 1106
- Dobutamine, pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Dogs, brain death alters cardiopulmonary hemodynamics and impairs right ventricular power reserve against an elevation of pulmonary vascular resistance, 706  
 combination of tracheal gas insufflation and airway pressure release ventilation, 1366  
 comparison of thorascopic talc insufflation, slurry, and mechanical abrasion pleurodesis, 442  
 early reperfusion induces alveolar injury in pulmonary embolism, 198



- effect of mechanical vs a pharmacologic increase in aortic pressure on coronary blood flow and thrombolysis induced by IV administration of a thrombolytic agent, 449
- pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Dopamine, pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Doppler echocardiography: See Echocardiography
- Dosimetry, short protocol for methacholine provocation testing adapted to the Rosenthal-Chai technique, 866
- Doxorubicin, objective response to epirubicin and lisdamine in a case of advanced thymoma previously treated with the ADOC scheme and unresponsive to paclitaxel plus cyclophosphamide, 1473
- Drainage, chest tube, controlled trial of intrapleural streptokinase in the treatment of pleural empyema and complicated parapneumonic effusions, 275
- closed-chest thoracostomy tube, management of a giant fluid-filled bulla by, 1772
- indwelling small pleural catheter needle thoracentesis in the management of large pleural effusions, 981
- new technology in the treatment of an old disease, 1478
- percutaneous catheter, lung abscess caused by *Legionella micdadei*, 252
- pleural, chest tube, randomized trial of empyema therapy, 1548
- Droperidol, endoscopic treatment of malignant airway obstructions, vol. 110:1536; erratum, vol. 111:1476
- sedation in fiberoptic bronchoscopy, 1142
- Drug abuse: See Cocaine, Smoking
- Drug delivery: See Aerosols
- Drug hypersensitivity, chest pain in an aspirin-sensitive asthmatic patient, vol. 110:1117; erratum, vol. 111:259
- Drug reactions, adverse effects of corticosteroid therapy for COPD, 732
- bleomycin therapy, patients with advanced-stage germ cell tumors, 657
- severe musculoskeletal symptoms during continuous infusion of bumetanide, 359
- succinylcholine-induced hyperkalemia following prolonged pharmacologic neuromuscular blockade, 248
- Drug resistance: See Tuberculosis
- Drug toxicity, secondary to bromine and hydrobromic acid exposure: another hot tub hazard, 816
- steroid responsive interstitial pneumonitis after fludarabine therapy, 1472
- very early onset of acute amiodarone pulmonary toxicity presenting with hemoptysis, 1446
- Drug withdrawal reactions, movement disorders associated with withdrawal from high-dose intravenous haloperidol therapy in delirious ICU patients, 1778
- Drugs: See also names of specific drugs and classes of drugs, eg, Aerosols; Albuterol; Antibiotics; Corticosteroids; empiric treatments impair the diagnostic yield of BAL in HIV-positive patients, 1180
- from the bench to the bedside: the future of sepsis research, 744
- general practitioners' prescribing of antibiotics for bronchitis, 1788
- DTPA: See Technetium-DTPA
- Dust exposure: See Occupational exposure
- Dye, bedside methods for detecting aspiration in tube-fed patients, 724
- Dyskinesia, movement disorders associated with withdrawal from high-dose intravenous haloperidol therapy in delirious ICU patients, 1778
- Dysmotility, esophageal: See Esophagus
- Dysphagia, successful treatment of sclerosing cervicitis and fibrosing mediastinitis with tamoxifen, 1137
- Dysphonia, early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- Dyspnea, alternative technique in the management of bullous emphysema: thoracoscopic endoloop ligation of bullae, 489
- bilateral pleural masses and shortness of breath associated with multiple myeloma, 1750
- components of a respiratory rehabilitation program, 1077
- high-resolution CT scan in the evaluation of exercise-induced interstitial pulmonary edema in cardiac patients, 1577
- histopathologic diagnosis made in lung tissue resected from patients with severe emphysema undergoing lung volume reduction surgery, 941
- is the symptomatic improvement after lung volume reduction surgery correlated with FEV<sub>1</sub> in patients with diffuse emphysema? 1144
- nonspecific airway hyperresponsiveness in HIV disease, 121
- paradoxical effect of bronchodilators, 1766
- symptom-based measure of the severity of chronic lung disease, 1607
- unilateral pulmonary artery agenesis in adulthood, 832, 834
- usefulness of flow volume loops in emergency center and ICU settings, 481
- woman with shortness of breath and left pleuritic pain, 1115
- Echocardiography, aorto-left atrial fistula: a reversible cause of acute refractory heart failure, 828
- circulating cardiac troponin T in myocardial contusion, 427
- comparison of transesophageal and transthoracic contrast, for detection of an intrapulmonary shunt in liver disease, 1236
- distinguishing left ventricular aneurysm from pseudoaneurysm: a review of the literature, 1403
- Doppler, clinical evaluation of pulmonary hypertension in systemic sclerosis and related disorders, 36
- intraoperative transesophageal, assessment of vascular anastomoses in lung transplantation, 1229
- pattern of acute cor pulmonale, 209
- prognostic significance of precordial ST-segment changes in acute inferior wall myocardial infarction, 1039
- respiratory failure following stereotactic neurosurgery in a 53-year-old woman, 1112
- transesophageal, aortic root abscess with fistula formation, 1436
- transesophageal, unilateral pulmonary artery agenesis in adulthood, 832, 834
- use of pulsed-wave Doppler, to measure changes in MPAP, 1469, 1470
- venous air embolism, 826
- ECMO: See Extracorporeal membrane oxygenation
- Economics: See Cost
- Ectasia, atherosclerotic coronary artery, or adult mucocutaneous lymph node syndrome (Kawasaki's disease)? aneurysmal coronary artery disease, 796
- Edema, pulmonary: See Pulmonary edema
- Education, relevance of training in transbronchial fine-needle aspiration technique, 103
- rise, fall, and rise again of the ECG as a diagnostic tool, 800
- the truth is the truth, and HCFA knows it, 531
- Elastase: See Neutrophil elastase
- Elastic energy, as an index of right ventricular filling, 351
- Elastin, tumor neutrophil elastase is closely associated with the direct extension of non-small cell lung cancer into the aorta, 885
- Elderly: See Aging
- Electrical conductance, mechanisms of gastric juice-induced hyperpermeability of the cultured human tracheal epithelium, 454
- Electrical impedance tomography: See Tomography, electrical impedance
- Electrocardiography, analysis of the ventricular fibrillation signal amplitude and frequency parameters as predictors of counter-shock success in humans, 584
- citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- consensus approach to diagnosing coronary artery disease based on clinical and exercise test data, 1742
- exercise-induced ventricular arrhythmias and sudden cardiac death in a family, 1130
- in pulmonary embolism: predictive value of negative T waves in precordial leads, 537
- neurocardiogenic syncope and Prinzmetal's angina associated with bronchogenic carcinoma, 819
- new and old questions about acute venous thromboembolism, 531

- prognostic significance of precordial ST-segment changes in acute inferior wall myocardial infarction, 1039
- rise, fall, and rise again of, as a diagnostic tool, 800
- Electromyographic measurements: See Anaerobic threshold
- Emboli: See Air embolism; Pulmonary embolism; Thromboembolism
- Embolism, paradoxical, 1112
- Embolization, immediate transcatheter, of Swan-Ganz catheter-induced pulmonary artery pseudoaneurysm, 1450
- Emergency, cardiac resuscitation: the search for hemodynamically more effective methods, 712
- center settings, usefulness of flow volume loops in ICU settings and, 481
- department, dependence of patients with asthma, factors associated with, 290
- department, measurement of respiratory resistance: young children with acute asthma, 1519
- early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- Emphysema, baseline characteristics of enrollees in the National Heart, Lung and Blood Institute Registry of  $\alpha_1$ -antitrypsin deficiency, 394
- Emphysema, bullous, alternative technique: thoracoscopic endoloop ligation of bullae, 489
- diffuse, is the symptomatic improvement after lung volume reduction surgery correlated with FEV<sub>1</sub> in patients with? 1144
- lung volume reduction surgery, 530
- lung volume reduction surgery at a community hospital, 1552
- preoperative predictors of operative morbidity and mortality in COPD patients undergoing bilateral lung volume reduction surgery, 550
- quality control of spirometry testing in the registry for patients with severe  $\alpha_1$ -antitrypsin deficiency, 899
- severe, histopathologic diagnosis made in lung tissue resected from patients with, undergoing lung volume reduction surgery, 941
- surgically treated pneumothorax, 280
- Empyema, elevated level of carcinoembryonic antigen in nonmalignant pleural effusions, 643
- necessitatis, due to *Actinomyces odontolyticus*, 1144
- pleural, controlled trial of intrapleural streptokinase in the treatment of, and complicated parapneumonic effusions, 275
- resolution, effects of early chest tube placement on, 1679
- rigid thoracoscopic debridement and continuous pleural irrigation in the management of, 272
- thoracis, new technology in the treatment of an old disease, 1478
- thoracis, randomized trial of therapy, 1548
- thoracoscopy in children and adolescents, 494
- End-diastolic volume: See Diastole
- End-systolic volume: See Systole
- Endocarditis, aortic valve, aortic root abscess with fistula formation, 1436
- aortic valvular, aorto-left atrial fistula, 828
- nonbacterial thrombotic, abdominal pain, heart murmur, and lung infiltrates in a 40-year-old man, 498
- Endometriosis, thoracic, catamenial hemoptysis, 1447
- Endorphin, plasma  $\beta$ -, response to exercise in patients with congestive heart failure, 19
- Endoscopy, stapling, lung volume reduction surgery, 268
- thoracoscopy in children and adolescents, 494
- treatment of malignant airway obstructions, vol. 110:1536; erratum, vol. 111:1476
- usefulness of collecting routine cytologic specimens for lung carcinoma, 522, 523
- Endothelin, abnormalities in patients with pulmonary embolism, 544
- Endotoxin, future of sepsis research, 744
- Energy expenditure, elastic energy as an index of right ventricular filling, 351
- Enteral feeding, bedside methods for detecting aspiration in tube-fed patients, 724
- intermittent, in reducing gastric colonization in mechanically ventilated patients, 1475
- Environmental exposure: see also Occupational exposure; contamination of hospital compressed air with nitric oxide, 1759
- hot tub-related illness, 242, 534, 813, 816
- tobacco smoke, reduction of, in asthmatic children, 81
- Enzyme immunoassay, evaluation of IgA-mediated humoral immune response against the mycobacterial antigen P-90 in diagnosis of pulmonary tuberculosis, 601
- Eosinophilia, case of pneumonia and vasculitis induced by diflunisal, 1767
- esophagitis, chest pain in an aspirin-sensitive asthmatic patient, vol. 110:1117; erratum, vol. 111:259
- Epinephrine, pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Epirubicin, objective response to lonidamine and, in a case of advanced thymoma previously treated with the ADOC scheme and unresponsive to paclitaxel plus cyclophosphamide, 1473
- Epithelioid hemangioendothelioma: See Hemangioendothelioma
- Epstein-Barr virus-related neoplasm, primary lymphoepithelioma-like carcinoma of the lung in a child, 250
- Erionite, effect of, upon the pleural mesothelium of the Fisher 344 rat, 1375
- Erythromycin, *Legionella* species community-acquired pneumonia, 254
- Erythropoietin, in pediatric cardiac surgery, 1565
- Esophagus, descending necrotizing mediastinitis, 529
- dysmotility, chest pain in an aspirin-sensitive asthmatic patient: eosinophilic esophagitis causing, vol. 110:1117; erratum, vol. 111:259
- successful treatment of sclerosing cervicitis and fibrosing mediastinitis with tamoxifen, 1137
- variceal hemorrhage, alternative to the football helmet, 1786
- Estrogen, 'circa menstrual' rhythmicity and asthma, 840
- paradoxical down-regulation and desensitization of  $\beta_2$ -adrenoceptors by exogenous progesterone in female asthmatics, 847
- Ethambutol, *Mycobacterium avium* complex infection in an immunocompetent young adult related to hot tub exposure, 242
- Ethics, advance directives, revisited, 1144
- increased mortality of older patients with ARDS, 1334
- minocycline sclerosis for malignant pericardial effusions, 524
- pulmonary artery flotation catheters: better late than never? 1465
- Ethics in cardiopulmonary medicine, do-not-resuscitate decisions: comparing physician and nurse opinions, 1106
- Ethnicity: See Minority groups
- Eucapnia: See Carbon dioxide
- Europe, prevalence of small lung opacities in populations unexposed to dusts, 404
- European Respiratory Journal*, abstracts, Mar. A-16, Apr. A-28; May A-16, June A-20, A-23
- Exercise, assessment of oxygen uptake during the six-minute walk test in patients with heart failure, 1146
- capacity, components of a respiratory rehabilitation program, 1077
- capacity, effects of left ventricular peak filling rate on, after acute myocardial infarction, 590
- capacity, left atrial function as a reliable predictor of, in patients with recent myocardial infarction, 922
- capacity, long-term change in body mass, pulmonary function, and, in adults with cystic fibrosis, 338
- capacity, oxygen uptake kinetics and cardiopulmonary performance in lone atrial fibrillation and the effects of sotalol, 934
- cardiorespiratory response to, after venous switch operation for transposition of the great arteries, 23
- development of ventilatory responses to, in normal white children, 327
- electromyographic response to, in cardiac transplant patients, 1571
- estimation of mixed venous PCO<sub>2</sub> for determination of cardiac output in children, 474
- exhaled nitric oxide during, in primary pulmonary hypertension and pulmonary fibrosis, 44
- impedance cardiography accurately measures cardiac output during, in children with cystic fibrosis, 333
- induced interstitial pulmonary edema in cardiac patients, high-resolution CT scan in the evaluation of, 1577
- induced ventricular arrhythmias and sudden cardiac death in a family, 1130
- myocardial contractile reserve as prognostic determinant in patients with idiopathic dilated cardiomyopathy without overt heart failure, 344

- plasma  $\beta$ -endorphin response to, in patients with congestive heart failure, 19
- stress testing, is direct physician supervision of, routinely necessary? 262
- testing, six-minute walk-test, assessment of oxygen uptake during, in patients with heart failure, 1146
- testing, assessment of oxygen uptake during the six-minute walk test: the author responds, 1465
- tolerance, effect of venous obstruction of lower extremities on, 506
- tolerance, proportional assist ventilation and, in subjects with COPD, 948
- who should treat sleep apnea and how? 266
- Exercise and the heart, consensus approach to diagnosing coronary artery disease based on clinical and exercise test data, 1742
- dangerous curves: a perspective on exercise, lactate, and the anaerobic threshold, 787
- Expiratory flow, peak: See Peak expiratory flow
- Expiratory muscles, why be limited to nocturnal noninvasive IPPV? 1471, 1472
- Extracorporeal carbon dioxide removal: See Carbon dioxide removal, extracorporeal
- Extracorporeal membrane oxygenation, DCO<sub>2</sub> measured by gastric tonometry predicts survival in children receiving extracorporeal life support, 174
- Extubation, safe, airway exchange catheters for, 1483
- tracheal, prospective study of the safety of, using a pediatric airway exchange catheter for patients with a known difficult airway, 1660
- Exudates and transudates, diagnostic interpretation of pericardial fluids, 1156
- pleural effusions, diagnostic value of tests that discriminate between, 970
- usefulness of diagnostic tests on pericardial fluid, 1213
- Face, contribution of craniofacial risk factors in increasing apneic activity among obese and nonobese habitual snorers, 154
- Factor V, Leiden prevalence in venous thromboembolism patients, 1603
- False-positive results, elevated level of carcinoembryonic antigen in nonmalignant pleural effusions, 643
- Family, bed partners' assessment of nasal continuous positive airway pressure therapy in obstructive sleep apnea, 1261
- exercise-induced ventricular arrhythmias and sudden cardiac death, 1130
- reduction of environmental tobacco smoke exposure in asthmatic children, 81
- Farmer's lung, fatal cases of, 245
- Farming: See Agriculture
- Fasciotomy, 41-year-old man with thigh pain and loss of sensation in the toes, 810
- Fast Fourier transformation, analysis of the ventricular fibrillation ECG signal amplitude and frequency parameters as predictors of countershock success in humans, 584
- Fat: See Adipose tissue
- Fatal outcome, farmer's lung in a Canadian family: probable new antigens, *Penicillium brevicompactum* and *P. olivicolor*, 245
- follow-up for death or recurrence is not a reliable way of assessing the accuracy of diagnostic tests for thromboembolic disease, 1410
- pneumothorax complicating BAL in a bone marrow transplant recipient with bronchiolitis obliterans, 1468
- Fatigue, dangerous curves: a perspective on exercise, lactate, and the anaerobic threshold, 787
- Fatty acids, applied nutrition in ICU patients: ACCP consensus statement, 769
- Felodipine, comparison of two long-acting vasoselective calcium antagonists in pulmonary hypertension secondary to COPD, 1622
- Femoral artery, woman with cavitating left upper lobe lesion, 1757
- Fenoterol, ventilation-perfusion response after, in hypoxemic patients with stable COPD, vol. 110:71; erratum, vol. 111:258
- Fever, 63-year-old woman with weight loss and multiple lung nodules, 236
- 31-year-old man with a thick-walled cyst, 1754
- Fiber, applied nutrition in ICU patients: ACCP consensus statement, 769
- Fiberoptic bronchoscopy: See Bronchoscopy, fiberoptic
- Fibrillation: See Atrial fibrillation; Ventricular fibrillation
- Fibrinolysis, randomized trial of empyema therapy, 1548
- Fibrosclerosis, successful treatment of sclerosing cervicitis and fibrosing mediastinitis with tamoxifen, 1137
- Fibrosis, pulmonary: See Pulmonary fibrosis
- Filters, heat and moisture exchanger: See Respiration, artificial
- Fine-needle aspiration, transbronchial: See Biopsy, needle
- Fire, early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- Fish oils, applied nutrition in ICU patients: ACCP consensus statement, 769
- Fisher rats: See Rats
- Fistula, aorto-left atrial: a reversible cause of acute refractory heart failure, 828
- bronchopleural, management of, with a variable-resistance valve and a single ventilator, 1452
- formation, aortic root abscess with, 1436
- lymph, applied nutrition in ICU patients: ACCP consensus statement, 769
- pleuroesophageal, descending necrotizing mediastinitis, 529
- Flow volume loops, usefulness of, in emergency center and ICU settings, 481
- Fludarabine, steroid responsive interstitial pneumonitis after therapy, 1472
- Fluorescence *in situ* hybridization: See *In situ* hybridization, fluorescence
- Fluoxetine, treatment algorithm for OSA, 528
- Fogarty catheter: See Catheter
- Food coloring: See Dye
- Foods: See Nutrition
- Foramen ovale, patent, echocardiographic pattern of acute cor pulmonale, 209
- Forced expiratory flow, detection of small airway dysfunction using specific airway conductance, 1533
- Forced expiratory volume, see also Pulmonary function; Pulmonary function tests; clinical efficacy of combination nebulized anticholinergic and adrenergic bronchodilators vs nebulized adrenergic bronchodilator alone in acute asthma, 311
- detection of small airway dysfunction using specific airway conductance, 1533
- effects of obesity and fat distribution on ventilatory function, 891
- is the symptomatic improvement after lung volume reduction surgery correlated with FEV<sub>1</sub> in patients with diffuse emphysema? 1144
- perfusion lung scintigraphy for the prediction of postlobectomy residual pulmonary function, 1542
- predicted postoperative FEV<sub>1</sub> and complications in lung resection candidates, 1145
- quality control of spirometry testing in the registry for patients with severe  $\alpha_1$ -antitrypsin deficiency, 899
- short protocol for methacholine provocation testing adapted to the Rosenthal-Chai dosimeter technique, 866
- ultrasonic nebulization of albuterol is no more effective than jet nebulization for the treatment of acute asthma in children, 1505
- Forced oscillation technique: See Oscillation
- Forced vital capacity: See Vital capacity, forced
- Foundry workers, silicosis in the 1990s, 779
- Fresh frozen plasma: See Blood
- Furosemide, severe musculoskeletal symptoms during continuous infusion of bumetanide, 359
- GABA, agonist baclofen, antitussive effect of, 996
- $\gamma$ -Aminobutyric acid: See GABA
- Gamma interferon: See Interferon gamma
- Gas, air, by any other name. . . , 1786

- Gas analysis, contamination of hospital compressed air with nitric oxide, 1759
- Gas exchange, pulmonary: See Pulmonary gas exchange
- Gas insufflation, tracheal, and airway pressure release ventilation, combination of, 1366
- Gastric intramucosal pH, liver function and splanchnic ischemia in critically ill patients, 180
- Gastric juice-induced hyperpermeability of the cultured human tracheal epithelium, mechanisms of, 454
- Gastric tonometry, DCO<sub>2</sub> measured by, predicts survival in children receiving extracorporeal life support, 174
- Gastroesophageal reflux, autonomic regulation in asthmatics with, 65
- bedside methods for detecting aspiration in tube-fed patients, 724
- role of, in chronic cough and asthma, 1389
- vagotonia and bronchial asthma, 8
- Gastrointestinal system, adverse effects of corticosteroid therapy for COPD, 732
- Gastroplasty, effect of BiPAP nasal ventilation on the postoperative pulmonary restrictive syndrome in obese patients undergoing, 665
- Gender: See Sex factors
- Gene expression, cytokine, profile of circulating CD4<sup>+</sup> T cells in active pulmonary tuberculosis, 606
- Gene therapy, pulmonary radiation injury, 1061
- Genes and gene therapy: The Thomas L. Petty 39th Annual Aspen Lung Conference, vol 111 (Suppl 6): 68S-152S
- Genetics, baseline characteristics of enrollees in the National Heart, Lung and Blood Institute Registry of  $\alpha_1$ -antitrypsin deficiency, 394
- detection of chromosomal aneuploidy by interphase fluorescence *in situ* hybridization in bronchoscopically gained cells from lung cancer patients, 1691
- exercise-induced ventricular arrhythmias and sudden cardiac death in a family, 1130
- factor V Leiden prevalence in venous thromboembolism patients, 1603
- Genotype, heterogeneous *Serratia marcescens*, from a nosocomial pediatric outbreak, 194
- Geriatrics: See Aging
- Germ cell tumors, advanced-stage, pulmonary toxicity in patients with, receiving bleomycin with and without granulocyte colony-stimulating factor, 657
- Germany, tuberculosis in heart transplant recipients, 365
- Glucocorticoids, case of eosinophilic pneumonia and vasculitis induced by diflunisal, 1767
- pulmonary delivery of beclomethasone liposome aerosol in volunteers, 316
- Glucose intolerance, adverse effects of corticosteroid therapy for COPD, 732
- oxidase, bedside methods for detecting aspiration in tube-fed patients, 724
- usefulness of diagnostic tests on pericardial fluid, 1213
- Glutamine, applied nutrition in ICU patients: ACCP consensus statement, 769
- Glycerol, applied nutrition in ICU patients: ACCP consensus statement, 769
- Graft, Dacron, aortic root abscess with fistula formation, 1436
- Graft rejection, cardiac troponin: See ya later, CK! 2
- high-resolution CT in long-term follow-up after lung transplantation, 370
- pleural effusion from acute lung rejection, 1128
- surveillance bronchoscopy in lung transplant recipients, 377
- Grain farming: See Agriculture
- Granulocyte colony-stimulating factor, pulmonary toxicity in patients with advanced-stage germ cell tumors receiving bleomycin with and without, 657
- Granulocyte/macrophage colony-stimulating factor, diagnosing pulmonary alveolar proteinosis, 460
- Granulomas, importance of ethnicity in the diagnosis and prognosis of sarcoidosis, 838
- Gravimetric analysis, measuring nebulizer output: aerosol production vs, 1361
- Greece, critical age that the young start the devastating habits of smoking and narcotics, 1466
- Group education: See Patient education
- Growth hormone, applied nutrition in ICU patients: ACCP consensus statement, 769
- Guidelines, availability of a meta-analysis of the surgical treatment of obstructive sleep apnea, 265
- reducing length of stay for patients hospitalized with exacerbation of COPD by using, 89
- Habits: See Behavior
- Haloperidol, movement disorders associated with withdrawal from high-dose intravenous therapy in delirious ICU patients, 1778
- HCFA: See US Health Care Financing Administration
- Health Care Financing Administration: See US Health Care Financing Administration
- Health maintenance organizations, downsizing competence, 1478
- Health personnel, downsizing competence, 1478
- Health services utilization: See Utilization
- Heart, dangerous curves: a perspective on exercise, lactate, and the anaerobic threshold, 787
- Heart, myocardial contractile reserve as prognostic determinant in patients with idiopathic dilated cardiomyopathy without overt heart failure, 344
- Heart arrest, analysis of the ventricular fibrillation ECG signal amplitude and frequency parameters as predictors of counter-shock success in humans, 584
- cardiac resuscitation: the search for hemodynamically more effective methods, 712
- exercise-induced ventricular arrhythmias and sudden cardiac death in a family, 1130
- succinylcholine-induced hyperkalemia following prolonged pharmacologic neuromuscular blockade, 248
- Heart diseases, citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- clinically recognized cardiac dysfunction: role for serial measurement of cardiac troponin I? 1340
- congenital, subglottic stenosis complicating cardiac surgery in children, 1769
- diagnostic interpretation of pericardial fluids, 1156
- Heart failure, acute refractory, aorto-left atrial fistula: a reversible cause of, 828
- assessment of oxygen uptake during the six-minute walk test in patients with, 1146; the author responds, 1465
- diastolic, prevalence of sleep-disordered breathing in, 1488
- overt, myocardial contractile reserve as prognostic determinant in patients with idiopathic dilated cardiomyopathy without, 344
- pleural effusions in the medical ICU, 1018
- Heart failure, congestive, Cheyne-Stokes respiration during sleep in, 467
- 'dephlogisticated air' revisited, 269
- differential diagnosis of pleural effusion by lactate dehydrogenase isoenzyme analysis, 648
- high-resolution CT scan in the evaluation of exercise-induced interstitial pulmonary edema in cardiac patients, 1577
- idiopathic myocardial vasculitis presenting as restrictive cardiomyopathy, 1462
- plasma  $\beta$ -endorphin response to exercise in patients with, 19
- prevalence of sleep-disordered breathing in diastolic heart failure, 1488
- severe musculoskeletal symptoms during continuous infusion of bumetanide, 359
- Heart injury, cardiac troponin I does not increase after cardioversion, 15
- cardiac troponin: See ya later, CK! 2
- circulating cardiac troponin T in myocardial contusion, 427
- Heart murmur, abdominal pain, lung infiltrates and, in a 40-year-old man, 498
- Heart neoplasms, 60-year-old man with a malignant tumor of the upper airway and unexplained respiratory failure, 239
- Heart rate, effects of inhaled albuterol and ipratropium bromide on autonomic control of the cardiovascular system, 1514
- is measurement of cardiac output using impedance cardiography accurate? 1786



- oxygen uptake kinetics and cardiopulmonary performance in lone atrial fibrillation and the effects of sotalol, 934
- rise, fall, and rise again of the ECG as a diagnostic tool, 800
- ventilation-perfusion response after fenoterol in hypoxemic patients with stable COPD, vol. 110:71; erratum, vol. 111:258
- Heart rhythm, rise, fall, and rise again of the ECG as a diagnostic tool, 800
- Heart septum, echocardiographic pattern of acute cor pulmonale, 209
- Heart surgery, comparison of early IgM-enriched immunoglobulin vs polyvalent IgG administration in score-identified postcardiac surgical patients at high risk for sepsis, 419
- in children, subglottic stenosis complicating, 1769
- is atelectasis following aortic coronary bypass related to temperature? 1290
- median fibrillation frequency in: influence of temperature and guide to countershock therapy, 1560
- open, pediatric, erythropoietin in, 1565
- Heart transplantation, brain death alters cardiopulmonary hemodynamics and impairs right ventricular power reserve against an elevation of pulmonary vascular resistance, 706
- cardiac troponin: See *ya later*, CKI 2
- Cheyne-Stokes respiration during sleep in congestive heart failure, 467
- left anterior descending coronary artery bridge: a cause of early death after, 511
- patients, electromyographic response to exercise in: a new method for anaerobic threshold determination? 1571
- pseudoaneurysm of the left ventricle after mitral valve replacement, 526
- recipients, tuberculosis in, 365
- Heart valves, abdominal pain, heart murmur, and lung infiltrates in a 40-year-old man, 495
- noninvasive measurement of cardiac output by an acetylene uptake technique and simultaneous comparison with thermodilution in ICU patients, 1295
- pseudoaneurysm of the left ventricle after mitral valve replacement, 526
- HEART (High Output Extended Aerosol Respiratory Therapy) Vortran nebulizers, 1200
- Heat and moisture exchanger filters: See *Respiration*, artificial
- Hemangioendothelioma, epithelioid, 63-year-old woman with weight loss and multiple lung nodules, 236
- Hematoma, hepatic bleeding and hemorrhagic shock following thrombolytic therapy in patients with acute myocardial infarction, 1787
- Hemodynamics, cardiac resuscitation: the search for more effective methods, 712
- cardiopulmonary, brain death alters, and impairs right ventricular power reserve against an elevation of pulmonary vascular resistance, 706
- ECG in pulmonary embolism, 537
- effect of acetylsalicylic acid on pulmonary gas exchange in patients with severe pneumonia, 1094
- managing asymptomatic patients with chronic aortic regurgitation, 1702
- oxygen uptake kinetics and cardiopulmonary performance in lone atrial fibrillation and the effects of sotalol, 934
- pharmacologic support in massive pulmonary embolism, 218
- pulmonary, and hypoxemia in sleep apnea, 256, 257
- unilateral pulmonary artery agenesis in adulthood, 832, 834
- Hemoptysis, catamenial: diagnosis with MRI, 1447
- detecting lung cancer as a cause of: bronchoscopy vs CT, 877
- hepatopulmonary syndrome, respiratory failure, and, 1724
- presenting results of studies evaluating diagnostic tests, 842
- presenting symptom in BOOP, 1775
- pulmonary aspergilloma and AIDS, 612
- safe, high-yield technique for cutting needle biopsy, 1615
- very early onset of acute amiodarone pulmonary toxicity presenting with, 1446
- Hemorrhage, esophageal variceal, alternative to the football helmet, 1786
- hepatic bleeding and hemorrhagic shock following thrombolytic therapy in patients with acute myocardial infarction, 1787
- intracranial, thrombolytic therapy for pulmonary embolism, 1241
- subarachnoid, evidence for a hydrostatic mechanism in human neurogenic pulmonary edema, 1326
- Heparin, abdominal pain, heart murmur, and lung infiltrates in a 40-year-old man, 495
- coated extracorporeal circuits, release of lipopolysaccharide toxicity-modulating proteins in patients undergoing cardiopulmonary bypass using noncoated and, 577
- follow-up for death or recurrence is not a reliable way of assessing the accuracy of diagnostic tests for thromboembolic disease, 1410
- incidence of deep venous thrombosis in ICU patients, 661
- Hepatic bleeding: See *Liver*
- Hepatic hydrothorax: See *Hydrothorax*, hepatic
- Hepatopulmonary syndrome, comparison of transesophageal and transthoracic contrast echocardiography for detection of an intrapulmonary shunt in liver disease, 1236
- hemoptysis, respiratory failure, and, 1724
- Heredity: See *Genetics*
- Hinduism, Buddha, 524, 525
- Histamine, H<sub>2</sub> blockers, gastroesophageal reflux in chronic cough and asthma, 1389
- H<sub>2</sub> blockers, intermittent enteral feeding, reducing gastric colonization in mechanically ventilated patients, 1475
- short protocol for methacholine provocation testing adapted to the Rosenthal-Chai dosimeter technique, 866
- vagotonia and bronchial asthma, 8
- Histiocytosis X, advanced pulmonary, is associated with severe pulmonary hypertension, 1142
- Histopathology, diagnosis made in lung tissue resected from patients with severe emphysema undergoing lung volume reduction surgery, 941
- HIV infections: See also *Acquired immunodeficiency syndrome*, empiric treatments impair the diagnostic yield of BAL in HIV-positive patients, 1180
- nonspecific airway hyperresponsiveness in, 121
- pulmonary illness associated with exposure to *Mycobacterium avium* complex in hot tub water: hypersensitivity pneumonitis or infection? 813
- 31-year-old man with a thick-walled cyst, 1754
- utility of a single sputum specimen in the diagnosis of tuberculosis, 1174
- utility of lactate dehydrogenase vs radiographic severity in the differential diagnosis of *Pneumocystis carinii* pneumonia, 1187
- Homelessness, noncompliance with directly observed therapy for tuberculosis, 1168
- Honduras, drug-resistant *Mycobacterium tuberculosis* and atypical mycobacteria isolated from patients with suspected pulmonary tuberculosis in, 148
- Hormones, 'circa menstrual' rhythmicity and asthma, 840
- paradoxical down-regulation and desensitization of  $\beta_2$ -adrenoceptors by exogenous progesterone in female asthmatics, 847
- Hospitalization, citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- pregnancy and cystic fibrosis, 963
- prehospitalization inhaled corticosteroid use in patients with COPD or asthma, 296
- reducing length of stay for patients with exacerbation of COPD by using a practice guideline, 89
- thoracoscopic wedge resection of blebs under local anesthesia with sedation for treatment of a spontaneous pneumothorax, 230
- Hospitals, citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- community, from magic mountains to modern times, 1153
- community, lung volume reduction surgery at (a), 1552
- contamination of compressed air with nitric oxide, 1759
- downsizing competence, 1478
- Hot tubs, another hazard: toxicity secondary to bromine and hydrobromic acid exposure, 816
- exposure, *Mycobacterium avium* complex infection in an immunocompetent young adult related to, 242
- lung, diagnosis of hypersensitivity pneumonitis, 534



- water, pulmonary illness associated with exposure to *Mycobacterium avium* complex in: hypersensitivity pneumonitis or infection? 813
- Humidifiers, pulmonary illness associated with exposure to *Mycobacterium avium* complex in hot tub water: hypersensitivity pneumonitis or infection? 813
- safety of combined heat and moisture exchanger filters in long-term mechanical ventilation, 686
- Hydralazine, managing asymptomatic patients with chronic aortic regurgitation, 1702
- pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Hydrobromic acid, exposure, another hot tub hazard: toxicity secondary to bromine and, 816
- Hydrogen-ion concentration: See pH
- Hydrostatic mechanism in human neurogenic pulmonary edema, evidence for, 1326
- Hydrothorax, hepatic, pleural effusions in the medical ICU, 1018
- L-5-hydroxytryptophan, serotonin-induced cortisol release in CPAP-treated obstructive sleep apnea patients, 632
- Hypercapnia, acute respiratory failure, comparative physiologic effects of noninvasive assist-control and PSV in, 1639
- permissive, prone positioning and low-volume pressure limited ventilation improve survival in patients with severe ARDS, 1008
- permissive, rescue therapy for ARDS, 845
- preoperative predictors of operative morbidity and mortality in COPD patients undergoing bilateral lung volume reduction surgery, 550
- Hyperhidrosis, palmar, thoracoscopy in children and adolescents, 494
- Hyperkalemia, succinylcholine-induced, following prolonged pharmacologic neuromuscular blockade, 248
- Hyperlactatemia: See Lactate
- Hyperoxia, alveolar epithelial fluid clearance mechanisms are intact after moderate lung injury in rats, 1381
- Hyperpermeability, mechanisms of gastric juice-induced, of the cultured human tracheal epithelium, 454
- Hypersensitivity, chest pain in an aspirin-sensitive asthmatic patient, vol. 110:1117; erratum, vol. 111:259
- high prevalence of sensitization in children with habitual snoring and obstructive sleep apnea, 170
- immediate, airways remodeling is a distinctive feature of asthma and is related to severity of disease, 852
- pneumonitis, diagnosis of, 534
- pneumonitis or infection? pulmonary illness associated with exposure to *Mycobacterium avium* complex in hot tub water, 813
- specific immunoglobulins to soybean hull allergens in soybean asthma, 75
- Hypertension, adverse effects of corticosteroid therapy for COPD, 732
- thrombolytic therapy for pulmonary embolism: frequency of intracranial hemorrhage and associated risk factors, 1241
- Hypertension, pulmonary, clinical evaluation of, in systemic sclerosis and related disorders, 36
- echocardiographic pattern of acute cor pulmonale, 209
- noninvasive assessment of right ventricular diastolic function by electrical impedance tomography, 1222
- primary, exhaled nitric oxide during exercise in pulmonary fibrosis and, 44
- primary, just say NO, 4
- pulmonary vasculopathy and recurrent pneumothoraces, 1784
- secondary to COPD, comparison of two long-acting vasoactive calcium antagonists in, 1622
- severe, advanced pulmonary histiocytosis X is associated with, 1142
- unilateral pulmonary artery agenesis in adulthood, 832, 834
- Hypoalbuminemia, laboratory abnormalities in patients with bacterial pneumonia, 595
- Hypocalcemia, laboratory abnormalities in patients with bacterial pneumonia, 595
- Hypocapnia, Cheyne-Stokes respiration during sleep in congestive heart failure, 467
- 'dephlogisticated air' revisited: oxygen treatment for central sleep apnea syndrome, 269
- Hypocarbica, woman with shortness of breath and left pleuritic pain, 1115
- Hypokalemia, laboratory abnormalities in patients with bacterial pneumonia, 595
- Hypophosphatemia, laboratory abnormalities in patients with bacterial pneumonia, 595
- Hypotension, acute, dextran syndrome, 513
- 60-year-old man with a malignant tumor of the upper airway and unexplained respiratory failure, 239
- Hypothalamic-pituitary-adrenal function, adverse effects of corticosteroid therapy for COPD, 732
- Hypothermia, induced, is atelectasis following aortocoronary bypass related to temperature? 1290
- median fibrillation frequency in cardiac surgery: influence of temperature and guide to countershock therapy, 1560
- Hypoventilation, 'dephlogisticated air' revisited: oxygen treatment for central sleep apnea syndrome, 269
- Hypoxemia: See Anoxemia
- Hypoxia: See Anoxia
- Hysteroscopy, dextran syndrome: acute hypotension, noncardiogenic pulmonary edema, anemia, and coagulopathy following surgery, 513
- Iatrogenic disease, citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- IgG: See Immunoglobulins
- IgM: See Immunoglobulins
- Imaging, citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- Immune response, humoral, evaluation of IgA-mediated, against the mycobacterial antigen P-90 in diagnosis of pulmonary tuberculosis, 601
- Immunodeficiency, applied nutrition in ICU patients: ACCP consensus statement, 769
- Immunoglobulins, comparison of early IgM-enriched immunoglobulin vs polyvalent IgG administration in score-identified postcardiac surgical patients at high risk for sepsis, 419
- evaluation of IgA-mediated humoral immune response against the mycobacterial antigen P-90 in diagnosis of pulmonary tuberculosis, 601
- IgE, IgG-4, specific immunoglobulins to soybean hull allergens in soybean asthma, 75
- specific, to soybean hull allergens in soybean asthma, 75
- Immunology, pulmonary illness associated with exposure to *Mycobacterium avium* complex in hot tub water: hypersensitivity pneumonitis or infection? 813
- Immunoreactive neutrophil elastase: See Neutrophil elastase
- Immunoscintigraphy, targeting, noninvasive detection of atherosclerotic lesions by <sup>99m</sup>Tc-based, of proliferating smooth muscle cells, 1684
- Immunosuppression, desensitization to trimethoprim-sulfamethoxazole following lung transplantation, 1147
- future of sepsis research, 744
- paradoxical down-regulation and desensitization of  $\beta_2$ -adrenoceptors by exogenous progesterone in female asthmatics, 847
- relapsing *Aspergillus bronchitis* in a double lung transplant patient successfully treated with a new oral antimycotic agent, 835
- tuberculosis in heart transplant recipients, 365
- Impedance cardiography: See Cardiography
- Implants, bilateral functioning Vineberg grafts, 824
- In situ hybridization, fluorescence, interphase, detection of chromosomal aneuploidy by, 1691
- In vitro and in vivo measurements, respiratory drug delivery, 1155
- Income: See Socioeconomic factors
- Indocyanine green, liver function and splanchnic ischemia in critically ill patients, 180
- Infection: See also Pulmonary infections; adverse effects of corticosteroid therapy for COPD, 732
- Inflammation, pulmonary fibrosis: simple may be better, 7
- Inflammatory response, future of sepsis research, 744
- Inflammatory response syndrome, systemic: See Systemic inflammatory response syndrome

- Informed consent, pulmonary artery flotation catheters: a statement by ACCP, ATS, 261
- Inhalers: See Nebulizers
- Inotropic agents, pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Inspiratory muscles, components of a respiratory rehabilitation program, 1077
- Inspiratory pressure, maximal, how many maneuvers are required to accurately measure? 802
- Inspiratory reserve volume, incentive spirometry performance: pulmonary function after lobectomy, 559
- Intensive care units: See Critical care
- Interferon, alpha-2B recombinant, in the management of malignant pleural effusions, 1597
- Interferon gamma, cytokine gene expression profile of circulating CD4+ T cells in active pulmonary tuberculosis, 606
- Interleukins, acute activation of circulating polymorphonuclear neutrophils following *in vivo* administration of cocaine, 698
- cytokine gene expression profile of circulating CD4+ T cells in active pulmonary tuberculosis, 606
- future of sepsis research, 744
- International Association for the Study of Lung Cancer, what's new in staging of lung cancer? 1486
- International health, 'multidrug'-resistant tuberculosis, 1149
- International Labor Organization classification, prevalence of small lung opacities in populations unexposed to dusts, 404
- International System for Staging Lung Cancer, revisions in, 1710
- International Union Against Cancer: See International System for Staging Lung Cancer
- Interstitial edema of the lung: See Pulmonary edema
- Interstitial pH: See pH
- Intubation, airway obstruction with percutaneous tracheostomy, 1468
- alternative to the football helmet, 1786
- dexamethasone treatment does not ameliorate subglottic ischemic injury in rabbits, 1356
- effects of early chest tube placement on empyema resolution, 1679
- endotracheal, airway exchange catheters for safe extubation, 1483
- endotracheal, noninvasive ventilation, 1479, 1482
- human and financial costs of noninvasive mechanical ventilation, 1631
- management of bronchopleural fistula with a variable-resistance valve and a single ventilator, 1452
- reinsertion, another important detail of percutaneous dilatational tracheostomy technique, 1475
- safe, high-yield technique for cutting needle biopsy of the lung in patients with diffuse lung disease, 1615
- safety of combined heat and moisture exchanger filters in long-term mechanical ventilation, 686
- usefulness of flow volume loops in emergency center and ICU settings, 481
- Ipratropium bromide, clinical efficacy of combination nebulized anticholinergic and adrenergic bronchodilators vs nebulized adrenergic bronchodilator alone in acute asthma, 311
- bromide, effects of inhaled albuterol and, on autonomic control of the cardiovascular system, 1514
- inhaled, effects of the combination of, and oral theophylline in asthma, 1509
- Irrigation, pleural: See Pleura
- Ischemia, dexamethasone treatment does not ameliorate subglottic injury in rabbits, 1356
- splanchnic, liver function and, in critically ill patients, 180
- subepicardial, ECG in pulmonary embolism, 537
- Isoenzyme analysis, lactate dehydrogenase, differential diagnosis of pleural effusion by, 648
- Isoniazid, *Mycobacterium avium* complex infection related to hot tub exposure, 242
- Isoniazid resistance: See Tuberculosis
- Isoproterenol, pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Israel, algorithm for pulmonary screening of military pilots in, 916
- Italy, antibiotics in acute bronchitis and exacerbations of chronic bronchitis, 1788
- Itraconazole, relapsing *Aspergillus* bronchitis in a double lung transplant patient, 835
- Japan, pulmonary hypertension in systemic sclerosis and related disorders, 36
- Jaw, treatment algorithm for OSA, 528
- Jet nebulization: See Aerosols; Nebulizers
- Johns Hopkins Lung Project, screening for lung cancer, 754
- Kawasaki's disease, aneurysmal coronary artery disease: atherosclerotic coronary artery ectasia or adult mucocutaneous lymph node syndrome? 796
- Ketoconazole, pulmonary tuberculosis associated with invasive pseudallescheriasis, 508
- rescue therapy for ARDS, 845
- Kidney failure, applied nutrition in ICU patients: ACCP consensus statement, 769
- Kyphoscoliosis, bronchial torsion and, 1134
- Laboratory and animal investigations, acute activation of circulating polymorphonuclear neutrophils following *in vivo* administration of cocaine, 698
- alveolar epithelial fluid clearance mechanisms are intact after moderate hyperoxic lung injury in rats, 1381
- brain death alters cardiopulmonary hemodynamics and impairs right ventricular power reserve against an elevation of pulmonary vascular resistance, 706
- ciliary beat frequency in human bronchi and bronchioles, 692
- combination of tracheal gas insufflation and airway pressure release ventilation, 1366
- comparison of thoracoscopic talc insufflation, slurry, and mechanical abrasion pleurodesis, 442
- comparison of pulmonary availability between Ventolin (albuterol) nebulizers and Ventolin (albuterol) respirator solution, 204
- detection of chromosomal aneuploidy by interphase fluorescence *in situ* hybridization in bronchoscopically gained cells from lung cancer patients, 1691
- dexamethasone treatment does not ameliorate subglottic ischemic injury in rabbits, 1356
- early reperfusion induces alveolar injury in pulmonary embolism, 198
- effect of erionite upon the pleural mesothelium of the Fisher 344 rat, 1375
- effect of mechanical vs a pharmacologic increase in aortic pressure on coronary blood flow and thrombolysis induced by IV administration of a thrombolytic agent, 449
- effects of changes in ventilation and cardiac output on expired nitric oxide, 1045
- effects of early chest tube placement on empyema resolution, 1679
- gamma-delta T cells in BAL fluid of chronic lower respiratory tract infection, 1697
- measuring nebulizer output: aerosol production vs gravimetric analysis, 1361
- mechanisms of gastric juice-induced hyperpermeability of the cultured human tracheal epithelium, 454
- noninvasive detection of atherosclerotic lesions by <sup>99m</sup>Tc-based immunoscintigraphic targeting of proliferating smooth muscle cells, 1684
- performance characteristics of bilevel pressure ventilators, 1050
- radiofrequency volumetric reduction of the tongue: a porcine pilot study for treatment of OSA, 1348
- Laboratory tests: See Diagnosis
- Lactate, dangerous curves: a perspective on exercise, the anaerobic threshold and, 787
- release of, by the lung in acute lung injury, 1301
- Lactate dehydrogenase, diagnosing pulmonary alveolar proteinosis, 460
- diagnostic interpretation of pericardial fluids, 1156
- diagnostic value of tests that discriminate between exudative and transudative pleural effusions, 970
- differential diagnosis of pleural effusion by isoenzyme analysis, 648
- measurement of pleural fluid cholesterol levels, 525
- usefulness of diagnostic tests on pericardial fluid, 1213

- utility of, vs radiographic severity in the differential diagnosis of *Pneumocystis carinii* pneumonia, 1187
- Lactic acidosis: See Acidosis, lactic
- Language, air, by any other name... 1786
- Laparoscopy, surgery, cardiopulmonary effects of, revisited, 1787
- Laparotomy, preoperative spirometry and, 1536
- Larynx, dexamethasone treatment does not ameliorate subglottic ischemic injury in rabbits, 1356
- subglottic stenosis complicating cardiac surgery in children, 1769
- Lasers, endoscopic treatment of malignant airway obstructions, vol. 110:1536; erratum, vol. 111:1476
- Lawsuits: See Liability
- Learning effect, how many maneuvers are required to accurately measure maximal inspiratory pressure? 802
- Legionella, species community-acquired pneumonia, 254
- Legionella micdadei*, lung abscess caused by, 252
- Legs, effect of venous obstruction of lower extremities on exercise tolerance, 506
- incidence of deep venous thrombosis in ICU patients, 661
- new and old questions about acute venous thromboembolism, 531
- Length of stay: See Hospitalization
- Leukemia, chronic lymphocytic, steroid responsive interstitial pneumonitis after fludarabine therapy, 1472
- Leukocytes, release of lipopolysaccharide toxicity-modulating proteins in patients undergoing cardiopulmonary bypass using noncoated and heparin-coated extracorporeal circuits, 577
- polymorphonuclear, early reperfusion induces alveolar injury in pulmonary embolism, 198
- usefulness of diagnostic tests on pericardial fluid, 1213
- Leukotrienes, asthma management, Feb. supp. pp. 1S-68S
- L-5-hydroxytryptophan, serotonin-induced cortisol release in CPAP-treated obstructive sleep apnea patients, 632
- Liability, asbestos-related disorders... a realistic perspective, 1424
- diagnosis of asbestosis: *primum non nocere*, 1427
- Lidocaine, liver function and splanchnic ischemia in critically ill patients, 180
- Life expectancy, effect of a patient's risk-taking attitude on the cost effectiveness of testing strategies in the evaluation of pulmonary lesions, 1583
- Life support, extracorporeal, DCO<sub>2</sub> measured by gastric tonometry predicts survival in children receiving, 174
- increased mortality of older patients with ARDS, 1334
- Likelihood ratio, presenting results of studies evaluating diagnostic tests, 842
- Lipid peroxidation, exhaled pentane levels in acute asthma, 862
- Lipoid pneumonia: See Pneumonia, lipoid
- Lipopolysaccharide, future of sepsis research, 744
- toxicity-modulating proteins, release of, in patients undergoing cardiopulmonary bypass using noncoated and heparin-coated extracorporeal circuits, 577
- Liposomal amphotericin B, relapsing *Aspergillus* bronchitis in a double lung transplant patient successfully treated with a new oral antimycotic agent, 835
- Liposomes, pulmonary delivery of beclomethasone aerosol in volunteers, 316
- Literature, that's no lady, revisited, 254, 255
- Liver, failure, applied nutrition in ICU patients: ACCP consensus statement, 769
- function and splanchnic ischemia in critically ill patients, 180
- hemophysis, hepatopulmonary syndrome, and respiratory failure, 1724
- hepatic bleeding and hemorrhagic shock following thrombolytic therapy in patients with acute myocardial infarction, 1787
- metastases, calcifying, in a case with primary lung cancer, 1121
- Liver transplantation, comparison of transesophageal and transthoracic contrast echocardiography for detection of an intrapulmonary shunt in liver disease, 1236
- Living alone: See Socioeconomic factors
- Living wills, advance directives, revisited, 1144
- Lobectomy, incentive spirometry performance: a reliable indicator of pulmonary function in the early postoperative period after? 559
- non-serratus-sparing antero-axillary thoracotomy with disconnection of anterior rib cartilage: improvement in postoperative pulmonary function and pain in comparison to posterolateral thoracotomy, 572
- post-, residual pulmonary function, perfusion lung scintigraphy for the prediction of, 1542
- right upper, complete lobar collapse following, 1285
- video-assisted, in the elderly, 1101
- Long-term care, community-based regional ventilator weaning unit, 1024
- Longitudinal studies: See Time
- Lonidamine, objective response to epirubicin and, in a case of advanced thymoma previously treated with the ADOC scheme and unresponsive to paclitaxel plus cyclophosphamide, 1473
- Lorazepam, sedation in fiberoptic bronchoscopy, 1142
- Low-volume pressure limited ventilation, prone positioning and, improve survival in patients with severe ARDS, 1008
- Lung: See also Lung injury; Lung transplantation *below*, and headings beginning with Bronchi...; Pulmonary...; diagnosis and localization of bronchopulmonary air leaks using ventilation scintigraphy, 286
- elastances and resistances, cardiopulmonary effects of laparoscopic surgery, revisited, 1787
- epithelial permeability and bronchial responsiveness in subjects with stable asthma, 1255
- hyperinflation, unilateral, in a patient with chronic cough, 1117
- intrinsic positive end-expiratory pressure during one-lung ventilation for thoracic surgery, vol. 110:180; erratum, vol. 111:836
- left lower lobe, is atelectasis following aortocoronary bypass related to temperature? 1290
- left upper lobe lesion, cavitating, woman with, 1757
- mass, 77-year-old man with, 1439
- opacities, prevalence of small, in populations unexposed to dusts, 404
- progressive cavitary lesion, black sputum and, in a coal miner, 808
- right upper lobe, complete collapse following pulmonary lobectomy, 1285
- Lung abscess: See Abscess
- Lung biopsy: See Biopsy
- Lung capacity: See Lung volume
- Lung infiltrates: See Pulmonary infiltrates
- Lung injury, acute activation of circulating polymorphonuclear neutrophils following *in vivo* administration of cocaine, 698
- acute, release of lactate by the lung in, 1301
- acute, soluble transforming growth factor- $\alpha$  is present in the pulmonary edema fluid of patients with, 652
- acute, why does lactic acidosis occur in? 1157
- community-based regional ventilator weaning unit, 1024
- endothelin abnormalities in patients with pulmonary embolism, 544
- moderate hyperoxic, alveolar epithelial fluid clearance mechanisms are intact after, in rats, 1381
- Lung transplantation, desensitization to trimethoprim-sulfamethoxazole following, 1147
- detection of small airway dysfunction using specific airway conductance, 1533
- double, recurrent alveolar proteinosis following, 1457
- double, relapsing *Aspergillus* bronchitis in a patient successfully treated with a new oral antimycotic agent, 835
- high-resolution CT in long-term follow-up after, 370
- intraoperative transesophageal echocardiographic assessment of vascular anastomoses in, 1229
- osteoporosis in patients undergoing, 257
- pleural effusion from acute lung rejection, 1128
- pulmonary tuberculosis after, 1458
- recipients, surveillance bronchoscopy in, 377
- Lung volume, low pulmonary diffusing capacity in subjects with acute mountain sickness, 58
- lung function tests in patients with idiopathic pulmonary fibrosis, 51
- obesity and pulmonary function: more or less? 844
- pulmonary function tests and idiopathic pulmonary fibrosis, 7
- reduction, alternative technique in the management of bullous emphysema: thoracoscopic endoloop ligation of bullae, 489

- reduction surgery, 530  
 reduction surgery at a community hospital, 1552  
 reduction surgery, bilateral, preoperative predictors of operative morbidity and mortality in COPD patients undergoing, 550  
 reduction surgery, cost-effective and surgically effective, 268  
 reduction surgery, histopathologic diagnosis made in lung tissue resected from patients with severe emphysema undergoing, 941  
 reduction surgery, is the symptomatic improvement after, correlated with FEV<sub>1</sub> in patients with diffuse emphysema? 1144  
 Lupus, acute pneumonitis with normal chest radiograph, 1781  
 Lupus erythematosus, systemic, clinical evaluation of pulmonary hypertension in systemic sclerosis and related disorders, 36  
 Lymph nodes, pilot phase 2 study of surgical treatment after induction chemotherapy for resectable stage I to IIIA small cell lung cancer, 1089  
 regional classification for lung cancer staging, 1718  
 revisions in the International System for Staging Lung Cancer, 1710  
 sampling, what's new in staging of lung cancer? 1486  
 Lymphocytes, 'circa menstrual' rhythmicity and asthma, 840  
 cytokine gene expression profile of circulating CD4+ T cells in active pulmonary tuberculosis, 606  
 gamma-delta T cells in BAL fluid of chronic lower respiratory tract infection, 1697  
 paradoxical down-regulation and desensitization of  $\beta_2$ -adrenoceptors by exogenous progesterone in female asthmatics, 847  
 Lymphocytosis, diagnosis of hypersensitivity pneumonitis, 534  
 pleural effusion from acute lung rejection, 1128  
 Lymphoepithelioma, -like carcinoma of the lung, primary, in a child, 250  
 Magnesium sulfate, effect of inhaled, on sodium metabisulfite-induced bronchoconstriction in asthma, 558  
 management with: nonsustained polymorphous ventricular tachycardia during amiodarone therapy for atrial fibrillation complicating cardiomyopathy, 1454  
 Magnetic resonance imaging, aortic root abscess with fistula formation, 1436  
 catamenial hemoptysis: diagnosis with, 1447  
 distinguishing left ventricular aneurysm from pseudoaneurysm, 1403  
 noninvasive measurement of pulmonary arterial blood velocity: can it replace right heart catheterization? 1470  
 Malaria, *Plasmodium citax*, pulmonary involvement in a case of, 834  
 Malnutrition, applied nutrition in ICU patients: ACCP consensus statement, 769  
 Mammary artery, internal, bilateral functioning Vineberg grafts, 824  
 Mannitol, mechanisms of gastric juice-induced hyperpermeability of the cultured human tracheal epithelium, 454  
 Marfan's syndrome, aortic root dilatation in, 1763  
 Mayo Lung Project, lung cancer screening, 532, 754  
 Mechanical ventilation: See Respiration, artificial  
 Mediastinitis, descending necrotizing, 529  
 fibrosing, successful treatment of sclerosing cervicitis and, with tamoxifen, 1137  
 Mediastinum, chylothorax, postesophagectomy, causing upper airway obstruction misdiagnosed as asthma, 1126  
 lymph node dissection, non-serratus-sparing antero-axillary thoracotomy with disconnection of anterior rib cartilage, 572  
 mass, atypical, tracheal deviation from, 503  
 nodes, relevance of training in transbronchial fine-needle aspiration technique, 103  
 Medical personnel: See Health personnel, Nurses, Physicians  
 Medical personnel services: See College, medical personnel services  
 Medical records, the truth is the truth, and HCFA knows it, 531  
 Medical specialties: See Specialties  
 Medicare, is direct physician supervision of exercise stress testing routinely necessary? 262  
 the truth is the truth, and HCFA knows it, 531  
 Medicine, downsizing competence, 1478  
 Melanoptysis, black sputum and progressive cavity lung lesion in a coal miner, 808  
 Memorial-Sloan Kettering Lung Project, lung cancer screening, 754  
 Meningioma, intracranial, thrombolysis in the presence of, 258  
 Menstruation, catamenial hemoptysis: diagnosis with MRI, 1447  
 'circa menstrual' rhythmicity and asthma, 840  
 paradoxical down-regulation and desensitization of  $\beta_2$ -adrenoceptors by exogenous progesterone in female asthmatics, 847  
 Mental health, adverse effects of corticosteroid therapy for COPD, 732  
 Mesothelioma, effect of erionite upon the pleural mesothelium of the Fisher 344 rat, 1375  
 malignant, role of cytologic evaluation of pleural fluid in the diagnosis of, 106  
 Meta-analysis, prevalence of small lung opacities in populations unexposed to dusts, 404  
 surgical treatment of obstructive sleep apnea, availability of, 265  
 Metabisulfite: See Sodium metabisulfite  
 Metabolic acidosis: See Acidosis, metabolic  
 Metabolism, endothelin abnormalities in patients with pulmonary embolism, 544  
 liver function and splanchnic ischemia in critically ill patients, 180  
 paradoxical effect of bronchodilators, 1766  
 Metastatic neoplasms, calcifying liver, in a case with primary lung cancer, 1121  
 pilot phase 2 study of surgical treatment after induction chemotherapy for resectable stage I to IIIA small cell lung cancer, 1089  
 postoperative lung cancer surveillance, 11  
 revisions in the International System for Staging Lung Cancer, 1710  
 60-year-old man with a malignant tumor of the upper airway and unexplained respiratory failure, 239  
 tumor neutrophil elastase is closely associated with the direct extension of non-small cell lung cancer into the aorta, 855  
 what's new in staging of lung cancer? 1486  
 Metered-dose inhalers: See Nebulizers  
 Methacholine, short protocol for provocation testing adapted to the Rosenthal-Chai dosimeter technique, 866  
 Methylprednisolone, desensitization to trimethoprim-sulfamethoxazole following lung transplantation, 1147  
 Mice, SCID, diagnosing pulmonary alveolar proteinosis, 460  
 Michigan, silicosis in the 1990s, 779; revisited, 837  
 Miconazole nitrate, pulmonary tuberculosis associated with invasive pseudallescheriasis, 508  
 Microembolism, diffuse tumor, 1122  
 Midazolam, sedation in fiberoptic bronchoscopy, 1142  
 work of breathing: the debate continues... 225; the authors respond, 228  
 Military, algorithm for pulmonary screening of pilots in Israel, 916  
 Minimally invasive techniques, alternative technique in the management of bullous emphysema: thoracoscopic endoloop ligation of bullae, 489  
 thoracoscopic wedge resection of blebs under local anesthesia with sedation for treatment of a spontaneous pneumothorax, 230  
 thoracoscopy in children and adolescents, 494  
 video-assisted lobectomy in the elderly, 1101  
 Minnesota, incidence and outcomes of asthma in the elderly, 303  
 Multiphasic Personality Inventory, clinical and personality profiles and survival in patients with COPD, 95  
 Minocycline, sclerosis for malignant pericardial effusions, 524  
 Minority groups, importance of ethnicity in the diagnosis and prognosis of sarcoidosis, 838  
 Misdiagnosis: See Diagnostic errors  
 Mitral valve, replacement, pseudoaneurysm of the left ventricle after, 526  
 Mixed connective tissue disease: See Sclerosis, systemic  
 Moisture (and heat) exchanger filters: See Respiration, artificial  
 Monoethylglycinylidide, liver function and splanchnic ischemia in critically ill patients, 180  
 Morbidity, preoperative predictors of operative mortality and, in COPD patients undergoing bilateral lung volume reduction surgery, 550



- Morphometry, evaluation of argyrophilic nucleolar organizer region is useful in predicting long-term survival in squamous cell carcinoma of the lung, 110
- Mortality: See also Death; Fatal Outcome; Outcome; Survival; aorto-left atrial fistula: a reversible cause of acute refractory heart failure, 828
- assessment of the prognosis of coronary patients: performance and customization of generic severity indexes, 1666
- Buddha, 524, 525
- Cheyne-Stokes respiration during sleep in congestive heart failure, 467
- cigarette smoking and lung cancer trends, 1414
- clinical and personality profiles and survival in patients with COPD, 95
- clinically recognized cardiac dysfunction, role for serial measurement of cardiac troponin I? 1340
- DCO<sub>2</sub> measured by gastric tonometry predicts survival in children receiving extracorporeal life support, 174
- early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- future of sepsis research, 744
- impact of gender on outcome from mechanical ventilation, 434
- increased, of older patients with ARDS, 1334
- interest of a therapeutic optimization strategy in severe ARDS, 1000
- is direct physician supervision of exercise stress testing routinely necessary? 262
- left anterior descending coronary artery bridge: a cause of early death after cardiac transplantation, 511
- managing asymptomatic patients with chronic aortic regurgitation, 1702
- postpneumectomy pulmonary edema, 1278
- preoperative predictors of operative morbidity and, in COPD patients undergoing bilateral lung volume reduction surgery, 550
- prognostic significance of precordial ST-segment changes in acute inferior wall myocardial infarction, 1039
- prone positioning and low-volume pressure limited ventilation improve survival in patients with severe ARDS, 1008
- pulmonary artery flotation catheters: statement by the ACCP, ATS, 261
- rescue therapy for ARDS, 845
- screening for lung cancer, 532, 754
- Mortality Probability Models: See MPM II
- Mountain sickness: See Altitude
- Mouth, descending necrotizing mediastinitis, 529
- Movement disorders, associated with withdrawal from high-dose intravenous haloperidol therapy in delirious ICU patients, 1778
- MPM II, assessment of the prognosis of coronary patients, 1666
- Mucin, persistent pulmonary infiltrate and bronchorrhea in a young woman, 1442
- Mucociliary clearance, ciliary beat frequency in human bronchi and bronchioles, 692
- Mucocutaneous lymph node syndrome, adult (Kawasaki's disease), aneurysmal coronary artery disease: atherosclerotic coronary artery ectasia or? 796
- Multiple organ dysfunction, impact of gender on outcome from mechanical ventilation, 434
- Multiple organ dysfunction syndrome, applied nutrition in ICU patients: ACCP consensus statement, 769
- Multiple organ failure, liver function and splanchnic ischemia in critically ill patients, 180
- Muscle fatigue, dangerous curves: a perspective on exercise, lactate, and the anaerobic threshold, 787
- Musculoskeletal symptoms, severe, during continuous infusion of bumetanide, 359
- Mutations: See Genetics
- Mycobacteria: See also Tuberculosis; reliability of polymerase chain reaction in diagnosis of infections, 832
- Mycobacterium avium*, diagnosis of hypersensitivity pneumonitis, 534
- Mycobacterium avium* complex, infection in an immunocompetent young adult related to hot tub exposure, 242
- pulmonary illness associated with exposure to, in hot tub water, 813
- significance of cultivation in the sputum of patients with pulmonary tuberculosis, 142
- utility of a single sputum specimen in the diagnosis of tuberculosis, 1174
- Mycobacterium tuberculosis*, see Tuberculosis
- Mycoses, pulmonary tuberculosis associated with invasive pseudallescheriasis, 508
- Myeloma, multiple, bilateral pleural masses and shortness of breath associated with multiple myeloma, 1750
- Myocardial infarction, acute, effects of left ventricular peak filling rate on exercise capacity 3 to 6 weeks after, 590
- acute, hepatic bleeding and hemorrhagic shock following thrombolytic therapy in patients with, 1787
- acute inferior wall, prognostic significance of precordial ST-segment changes in, 1039
- aneurysmal coronary artery disease, 796
- cardiac troponin: See ya later, CK! 2
- distinguishing left ventricular aneurysm from pseudoaneurysm, 1403
- is direct physician supervision of exercise stress testing routinely necessary? 262
- recent, left atrial function as a reliable predictor of exercise capacity in patients with, 922
- serial angiography in cocaine-induced, 822
- thrombolysis in the presence of an intracranial meningioma, 258
- Myocardial injury: See Heart injury
- Myocardium, bridging, left anterior descending coronary artery bridge: a cause of early death after cardiac transplantation, 511
- contractile reserve as prognostic determinant in patients with idiopathic dilated cardiomyopathy without overt heart failure, 344
- contusion, circulating cardiac troponin T in, 427
- ischemia, sleep-related, and sleep structure in patients with obstructive sleep apnea and coronary heart disease, 387
- vasculitis, idiopathic, presenting as restrictive cardiomyopathy, 1462
- Myocyte injury, cardiac troponin: see ya later, CK! 2
- Myoglobin, cardiac troponin I does not increase after cardioversion, 15
- Myopathy, adverse effects of corticosteroid therapy for COPD, 732
- Narcotics, critical age that the young start the devastating habits of smoking and, 1466
- National Association for Medical Direction of Respiratory Care, pulmonary artery flotation catheters: statement by ACCP, ATS, 261
- National Heart, Lung and Blood Institute: See US National Heart, Lung and Blood Institute
- Nausea, 63-year-old woman with weight loss and multiple lung nodules, 236
- Nd:YAG laser, endoscopic treatment of malignant airway obstructions, vol. 110:1536; erratum, vol. 111:1476
- Nebulization: See Aerosols; Nebulizers
- Nebulizers, comparison of pulmonary availability between Ventolin (albuterol) nebulizers and Ventolin (albuterol) respirator solution, 204
- jet and ultrasonic systems, comparison of peak sputum tobramycin concentration in patients with cystic fibrosis using, 955
- jet, choice of, (and) nebulizing flow, and addition of albuterol affects the output of tobramycin aerosols, 1206
- measuring output: aerosol production vs gravimetric analysis, 1361
- pulmonary delivery of beclomethasone liposome aerosol in volunteers, 316
- respiratory drug delivery, 1155
- small-volume, intermittently filled, and aerosol delivery during continuous nebulization, 1200
- Needle, fine, sampling arterial blood with, 1474
- thoracentesis, indwelling small pleural catheter, in the management of large pleural effusions, 981
- Needle biopsy: See Biopsy
- Nellcor Puritan-Bennett 7200ae ventilator, performance characteristics of bilevel pressure ventilators, 1050



- Neoplasm recurrence, postoperative lung cancer surveillance, 11
- Neoplasm staging, how (it) affects surgeons' surveillance strategies after lung cancer surgery, 99
- lung cancer, what's new in? 1486
- regional lymph node classification for lung cancer, 1718
- revisions in the International System for Staging Lung Cancer, 1710
- Neoplasms: See also Carcinoma; Pulmonary neoplasms; predictors of postoperative pulmonary complications following abdominal surgery, 564
- Neurocardiogenic syncope and Prinzmetal's angina associated with bronchogenic carcinoma, 819
- Neurologic injury, evidence for a hydrostatic mechanism in human neurogenic pulmonary edema, 1326
- Neuromuscular blockade, prolonged pharmacologic, succinylcholine-induced hyperkalemia following, 248
- Neuromuscular diseases, community-based regional ventilator weaning unit, 1024
- nocturnal noninvasive positive pressure ventilatory assistance, vol. 110:1581; erratum, vol. 111:1148
- noninvasive ventilation, 1482
- why be limited to nocturnal noninvasive IPPV? 1471, 1472
- Neurosarcoidosis, sarcoidosis presenting as a central nervous system mass lesion, 518
- Neurosurgery, stereotactic, respiratory failure following, in a 53-year-old woman, 1112
- Neutrophil elastase, tumor, is closely associated with the direct extension of non-small cell lung cancer into the aorta, 885
- Neutrophils, acute activation of circulating polymorphonuclear, following *in vivo* administration of cocaine, 698
- Nifedipine, managing asymptomatic patients with chronic aortic regurgitation, 1702
- Nitrate, sleep-related myocardial ischemia and sleep structure in patients with obstructive sleep apnea and coronary heart disease, 387
- Nitric oxide, contamination of hospital compressed air with, 1759
- exhaled, during exercise in primary pulmonary hypertension and pulmonary fibrosis, 44
- expired, effects of changes in ventilation and cardiac output on, 1045
- future of sepsis research, 744
- just say NO, 4
- levels, and exhaled pentane in patients with obstructive sleep apnea, 1500
- synthase, just say NO, 4
- Nitroglycerin, pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Nomenclature: See Language
- Noncompliance: See Patient compliance
- Nonsteroidal anti-inflammatory agents: See Anti-inflammatory agents, nonsteroidal
- Norepinephrine, effect of mechanical vs a pharmacologic increase in aortic pressure on coronary blood flow and thrombolysis induced by IV administration of a thrombolytic agent, 449
- pharmacologic hemodynamic support in massive pulmonary embolism, 218
- plasma  $\beta$ -endorphin response to exercise in patients with congestive heart failure, 19
- sympathetic nervous system alterations in sleep apnea, 639
- Normal values: See Reference values
- Nosocomial infections: See Cross-infection; Pneumonia, nosocomial
- NSAIDs: See Anti-inflammatory agents, nonsteroidal
- Nuclear medicine, pulmonary radiation injury, 1061
- Nucleic acids, applied nutrition in ICU patients: ACCP consensus statement, 769
- Nucleolar organizer region, argyrophilic, evaluation of, is useful in predicting long-term survival in squamous cell carcinoma of the lung, 110
- score, usefulness of, to differentiate suspicious malignancy in pulmonary cytology, 1591
- Numbers of tests needed: See Statistical analysis
- Nurses, downsizing competence, 1478
- human and financial costs of noninvasive mechanical ventilation, 1631
- opinions, do-not-resuscitate decisions in the medical ICU, 1106
- Nutrition, applied, in ICU patients: ACCP consensus statement, 769
- long-term change in exercise capacity, body mass, and pulmonary function in adults with cystic fibrosis, 338
- Obesity, applied nutrition in ICU patients: ACCP consensus statement, 769
- contribution of craniofacial risk factors in increasing apneic activity among habitual snorers, 154
- effect of BiPAP nasal ventilation on the postoperative pulmonary restrictive syndrome in patients undergoing gastropasty, 665
- effects of, and fat distribution on ventilatory function, 891
- pulmonary function and: more or less? 844
- treatment algorithm for OSA, 528
- weight gain and longitudinal changes in lung function in steel workers, 1526
- Observer bias, screening for lung cancer, 754
- Obstetrics, peripartum pleural effusion, 1467
- Obstructive sleep apnea: See Sleep apnea syndromes, obstructive
- Occupational and environmental lung disease, accelerated lung function decline in swine confinement workers, 1733
- pentoxifylline does not alter the response to inhaled grain dust, 1429
- silicosis in the 1990s, 779
- Occupational exposure, asbestos-related disorders, a realistic perspective, 1424
- black sputum and progressive cavity lung lesion in a coal miner, 808
- diagnosis of asbestosis, 1427
- fatal cases of farmer's lung in a Canadian family: probable new antigens, *Penicillium brevicompactum* and *P. olivicolor*, 245
- prevalence of small lung opacities in populations unexposed to dusts, 404
- pulmonary tuberculosis associated with invasive pseudallescheriasis, 508
- silicosis in the 1990s, revisited, 837
- weight gain and longitudinal changes in lung function in steel workers, 1526
- Opiates, sedation in fiberoptic bronchoscopy, 1142
- Oral appliances: See Dental prosthetic devices
- Organ dysfunction, multiple: See Multiple organ dysfunction
- Oropharynx, contribution of craniofacial risk factors in increasing apneic activity among obese and nonobese habitual snorers, 154
- Oscillation, technique, forced, measurement of respiratory resistance in the emergency department: feasibility in young children with acute asthma, 1519
- Osmolarity, mechanisms of gastric juice-induced hyperpermeability of the cultured human tracheal epithelium, 454
- Osteoporosis, adverse effects of corticosteroid therapy for COPD, 732
- in patients undergoing lung transplantation, 257
- Otolaryngologists, who should treat sleep apnea and how? 266
- Outcome: See also Fatal outcome; Mortality; Survival; adverse, retreatment tuberculosis cases, 1162
- cardiac resuscitation, 712
- community-based regional ventilator weaning unit, 1024
- from mechanical ventilation, impact of gender on, 434
- impact of BAL data on the therapy and outcome of ventilator-associated pneumonia, 676
- in sarcoidosis: the relationship of relapse to corticosteroid therapy, 623
- incentive spirometry performance: pulmonary function after lobectomy, 559
- infections and the inflammatory response in ARDS, 1306
- liver function and splanchnic ischemia in critically ill patients, 180
- lung function tests in patients with idiopathic pulmonary fibrosis, 51
- lung volume reduction surgery at a community hospital, 1552
- noncompliance with directly observed therapy for tuberculosis, 1168
- post-ICU mechanical ventilation, 1654

- preoperative predictors of operative morbidity and mortality in COPD patients undergoing bilateral lung volume reduction surgery, 550
- screening for lung cancer, 754
- video-assisted lobectomy in the elderly, 1101
- Oximetry, pulse, survey of oral appliance practice among dentists treating obstructive sleep apnea patients, 352
- Oxygen, consumption, estimation of mixed venous  $PCO_2$  for determination of cardiac output in children, 474
- contamination of hospital compressed air with nitric oxide, 1759
- 'dephlogisticated air' revisited: treatment for central sleep apnea syndrome, 269
- effect of acetylsalicylic acid on pulmonary gas exchange in patients with severe pneumonia, 1094
- reversal of central sleep apnea with, 163
- Oxygen species, reactive: See Reactive oxygen species
- Oxygen therapy, Cheyne-Stokes respiration during sleep in congestive heart failure, 467
- Oxygen transport, monitoring tissue oxygenation, 12
- Oxygen uptake, assessment of, during the six-minute walk test in patients with heart failure, 1146; the author responds, 1465
- dangerous curves: a perspective on exercise, lactate, and the anaerobic threshold, 787
- development of ventilatory responses to exercise in normal white children, 327
- effect of venous obstruction of lower extremities on exercise tolerance, 506
- kinetics and cardiopulmonary performance in lone atrial fibrillation and the effects of sotalol, 934
- long-term change in exercise capacity, body mass, and pulmonary function in adults with cystic fibrosis, 338
- Oxygenation, extracorporeal membrane, 174
- tissue, monitoring, 12
- ventilation-perfusion response after fenoterol in hypoxemic patients with stable COPD, vol. 110:71; erratum, vol. 111:258
- P-90 antigen, mycobacterial, evaluation of IgA-mediated humoral immune response against, in diagnosis of pulmonary tuberculosis, 601
- P-selectin: See Selectins
- Paclitaxel, objective response to epirubicin and lisdamine in a case of advanced thymoma previously treated with the ADOC scheme and unresponsive to paclitaxel plus cyclophosphamide, 1473
- Pain, see also Chest pain; bilateral pleural masses and shortness of breath associated with multiple myeloma, 1750
- Buddha, 524, 525
- is aging a risk factor for silent ischemic cardiopathy? 527
- left pleuritic, woman with shortness of breath and, 1115
- postoperative, non-serratus-sparing antero-axillary thoracotomy with disconnection of anterior rib cartilage, 572
- sampling arterial blood with a fine needle, 1474
- severe musculoskeletal symptoms during continuous infusion of bumetanide, 359
- therapeutic thoracoscopy under local anesthesia, 1785
- Pallidotomy, respiratory failure following stereotactic neurosurgery in a 53-year-old woman, 1112
- Palmar hyperhidrosis, video-assisted, in children and adolescents, 494
- Panbronchiolitis, gamma-delta T cells in BAL fluid of chronic lower respiratory tract infection, 1697
- Pancreas, pregnancy and cystic fibrosis, 963
- Paramedic personnel, is direct physician supervision of exercise stress testing routinely necessary? 262
- Parapneumonic effusions: See Pleural effusions
- Parasympathetic nervous system, vagotonia and bronchial asthma, 8
- Parkinson's disease, respiratory failure following stereotactic neurosurgery in a 53-year-old woman, 1112
- Pasteurella multocida*, effects of early chest tube placement on empyema resolution, 1679
- Patent foramen ovale: See Foramen ovale, patent
- Patient behavior: See Behavior; Patient compliance; Quality of life
- Patient compliance, beyond directly observed therapy for tuberculosis, 1151
- group education sessions and, with nasal CPAP therapy, 1273
- noncompliance with directly observed therapy for tuberculosis, 1168
- retreatment tuberculosis cases, 1162
- Patient education, components of a respiratory rehabilitation program, 1077
- factors associated with emergency department dependence of patients with asthma, 290
- group sessions and compliance with nasal CPAP therapy, 1273
- silicosis in the 1990s, revisited, 837
- Patient safety: See Accident prevention; Risk management
- Patient selection, lung volume reduction surgery, 530
- Patients, advance directives, revisited, 1144
- Buddha, 524, 525
- clinical and personality profiles and survival in patients with COPD, 95
- effect of a risk-taking attitude on the cost effectiveness of testing strategies in the evaluation of pulmonary lesions, 1583
- sleep/wake habits of patients diagnosed as having obstructive sleep apnea, 1494
- with asthma, factors associated with emergency department dependence of, 290
- Peak expiratory flow, exhaled pentane levels in acute asthma, 862
- Peak filling rate, left ventricular, effects of, on exercise capacity 3 to 6 weeks after acute myocardial infarction, 590
- Peak inspiratory pressure, prone positioning and low-volume pressure-limited ventilation improve survival in patients with severe ARDS, 1008
- Peak systolic flow velocity: See Systole
- Peak ventilation: See Pulmonary function
- Pediatrics: See Children
- Penicillium brevicompactum* and *olivicolor*, fatal cases of farmer's lung, 245
- Pentamidine, empiric treatments impair the diagnostic yield of BAL in HIV-positive patients, 1180
- man with AIDS experiences near-syncope, 501
- Pentane, exhaled, and nitric oxide levels in patients with obstructive sleep apnea, 1500
- exhaled levels in acute asthma, 862
- Pentoxifylline, does not alter the response to inhaled grain dust, 1429
- pulmonary radiation injury, 1061
- Pepsin, mechanisms of gastric juice-induced hyperpermeability of the cultured human tracheal epithelium, 454
- Peptic ulcer disease, adverse effects of corticosteroid therapy for COPD, 732
- Peptides, applied nutrition in ICU patients: ACCP consensus statement, 769
- Perfusion: See Ventilation/perfusion
- Perfusion pressure, effect of mechanical vs a pharmacologic increase in aortic pressure on coronary blood flow and thrombolysis induced by IV administration of a thrombolytic agent, 449
- Pericardial effusions, malignant, minocycline sclerosis for, 524
- Pericardial fluid, diagnostic interpretation of, 1156
- usefulness of diagnostic tests on, 1213
- Pericarditis, usefulness of diagnostic tests on pericardial fluid, 1213
- Peroxidation, lipid: See Lipid peroxidation
- Personal injury claims: See Liability
- Personality, profiles, clinical profiles and survival in patients with COPD, 95
- pH,  $DCO_2$  measured by gastric tonometry predicts survival in children receiving extracorporeal life support, 174
- liver function and splanchnic ischemia in critically ill patients, 180
- mechanisms of gastric juice-induced hyperpermeability of the cultured human tracheal epithelium, 454
- Personnel services: See College, ACCP medical personnel services
- Pharmacology, hemodynamic support in massive pulmonary embolism, 218
- Pharyngeal surgery, availability of a meta-analysis of the surgical treatment of obstructive sleep apnea, 265
- Pharynx, treatment algorithm for OSA, 525
- Phenopridine, sedation in fiberoptic bronchoscopy, 1142

- Phenylephrine, pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Photodynamic therapy, strategies for treatment of occult carcinomas of the endobronchus, 1158
- Phrenic nerve, is atelectasis following aortocoronary bypass related to temperature? 1290
- Physical examinations, early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- the truth is the truth, and HCFA knows it, 531
- Physical fitness, adverse effects of corticosteroid therapy for COPD, 732
- Physician-patient relationship, advance directives, revisited, 1144
- Physicians, see also Specialties; names of specific specialties, eg, Pulmonary medicine; direct supervision of exercise stress testing, (is it) routinely necessary? 262
- downsizing competence, 1478
- how tumor stage affects surgeons' surveillance strategies after lung cancer surgery, 99
- human and financial costs of noninvasive mechanical ventilation, 1631
- opinions, do-not-resuscitate decisions in the medical ICU, 1106
- strength and character, 1
- the truth is the truth, and HCFA knows it, 531
- who should treat sleep apnea and how? 266
- Physiology, how many maneuvers are required to accurately measure maximal inspiratory pressure? 802
- is direct physician supervision of exercise stress testing routinely necessary? 262
- work of breathing: the debate continues... 225; the authors respond, 228
- Pigs: See Swine
- Pilots, algorithm for pulmonary screening of military in Israel, 916
- PIOPED: See Prospective Investigation of Pulmonary Embolism Diagnosis
- Pituitary-adrenal function: See Hypothalamic-pituitary-adrenal function
- Plasma: See Blood
- Plasmacytoma, extramedullary, bilateral pleural masses and shortness of breath associated with multiple myeloma, 1750
- Plasmodium vivax*, malaria, pulmonary involvement in a case of, 834
- Plastic surgery: See Surgery, plastic
- Platelets, activation in embolic and preembolic status of patients with nonrheumatic atrial fibrillation, 929
- Plethysmography, respiratory inductive, evaluation of, accuracy for analysis of respiratory waveforms, 910
- Pleura, bilateral masses and shortness of breath associated with multiple myeloma, 1750
- continuous irrigation, and rigid thoracoscopic debridement in the management of empyema, 272
- descending necrotizing mediastinitis, 529
- drainage, new technology in the treatment of an old disease, 1478
- drainage, randomized trial of empyema therapy, 1548
- effects of early chest tube placement on empyema resolution, 1679
- fibrosis, comparison of thoracoscopic talc insufflation, slurry, and mechanical abrasion pleurodesis, 442
- fluid cholesterol levels, measurement of, 525
- fluid, role of cytologic evaluation of, in the diagnosis of malignant mesothelioma, 106
- mesothelium, effect of erionite upon, of the Fisher 344 rat, 1375
- new technology in the treatment of an old disease, 1478
- video-assisted thoracoscopy's anniversary, 268
- Pleural effusions, controlled trial of intrapleural streptokinase in the treatment of pleural empyema and complicated parapneumonic effusions, 275
- differential diagnosis of, by lactate dehydrogenase isoenzyme analysis, 648
- exudative and transudative, diagnostic value of tests that discriminate between, 970
- from acute lung rejection, 1128
- in the medical ICU, 1018
- large, indwelling small pleural catheter needle thoracentesis in the management of, 981
- malignant, alpha-2B recombinant interferon in the management of, 1597
- nonmalignant, elevated level of carcinoembryonic antigen in, 643
- parapneumonic, elevated level of carcinoembryonic antigen in nonmalignant pleural effusions, 643
- parapneumonic, randomized trial of empyema therapy, 1548
- peripartum, 1467
- thoracoscopy in children and adolescents, 494
- Pleurectomy, therapeutic thoracoscopy under local anesthesia, 1785
- Pleurisy, elevated level of carcinoembryonic antigen in nonmalignant pleural effusions, 643
- woman with shortness of breath and left pleuritic pain, 1115
- Pleurodesis, mechanical abrasion, comparison of thoracoscopic talc insufflation, slurry, and, 442
- talc, cost-effective and surgically effective lung volume reduction surgery, 268
- therapeutic thoracoscopy under local anesthesia, 1785
- Pneumatographs, evaluation of respiratory inductive plethysmography, 910
- Pneumoconiosis, asbestos-related disorders... a realistic perspective, 1424
- black sputum and progressive cavitary lung lesion in a coal miner, 808
- prevalence of small lung opacities in populations unexposed to dusts, 404
- silicosis in the 1990s, revisited, 837
- Pneumocystis carinii* pneumonia: See Pneumonia, *Pneumocystis carinii*
- Pneumocytes, alveolar damage in AIDS-related *Pneumocystis carinii* pneumonia, 1193
- Pneumonectomy, empyema necessitatis due to *Actinomyces odontolyticus*, 1144
- postpneumonectomy pulmonary edema, 1278
- Pneumonia, baseline characteristics of enrollees in the National Heart, Lung and Blood Institute Registry of  $\alpha_1$ -antitrypsin deficiency, 394
- bronchiolitis obliterans organizing, hemoptysis as the presenting symptom in, 1775
- differential diagnosis of pleural effusion by lactate dehydrogenase isoenzyme analysis, 648
- eosinophilic, case of vasculitis and, induced by diflunisal, 1767
- lung abscess caused by *Legionella micdadei*, 252
- management of a giant fluid-filled bulla by closed-chest thoracotomy tube drainage, 1772
- new technology in the treatment of an old disease, 1478
- nonspecific airway hyperresponsiveness in HIV disease, 121
- predictors of postoperative pulmonary complications following abdominal surgery, 564
- pulmonary interstitial, acute, in a case of *Plasmodium vivax* malaria, 834
- severe, effect of acetylsalicylic acid on pulmonary gas exchange in patients with, 1094
- utility of a single sputum specimen in the diagnosis of tuberculosis, 1174
- why does lactic acidosis occur in acute lung injury? 1157
- Pneumonia, aspiration, aging effects on swallowing reflex, 1466
- bacterial, effect of acetylsalicylic acid on pulmonary gas exchange in patients with severe pneumonia, 1094
- bacterial, empiric treatments impair the diagnostic yield of BAL in HIV-positive patients, 1180
- bacterial, laboratory abnormalities in patients with, 595
- bacterial, utility of lactate dehydrogenase vs radiographic severity in the differential diagnosis of *Pneumocystis carinii* pneumonia, 1187
- bedside methods for detecting aspiration in tube-fed patients, 724
- community-acquired, *Legionella* species, 254
- lipoid, 77-year-old man with a lung mass, 1439
- mechanisms of gastric juice-induced hyperpermeability of the cultured human tracheal epithelium, 454
- nosocomial, role of intermittent enteral feeding in reducing gastric colonization in mechanically ventilated patients, 1475
- nosocomial, usefulness of quantitative cultures of BAL fluid for diagnosing, in ventilation patients, 411

- nosocomial, ventilator-associated, impact of BAL data on the therapy and outcome of, 676
- Pneumocystis carinii*, AIDS-related, alveolar damage in, 1193
- Pneumocystis carinii*, desensitization to trimethoprim-sulfamethoxazole following lung transplantation, 1147
- Pneumocystis carinii*, empiric treatments impair the diagnostic yield of BAL in HIV-positive patients, 1180
- Pneumocystis carinii*, man with AIDS experiences near-syncope, 501
- pulmonary aspergilloma and AIDS, 612
- Pneumocystis carinii*, 31-year-old man with a thick-walled cyst, 1754
- Pneumocystis carinii*, utility of lactate dehydrogenase vs radiographic severity in the differential diagnosis of, 1187
- quantitative aspiration during sleep in normal subjects, 1266
- Pneumonitis, acute lupus, with normal chest radiograph, 1781
- another hot tub hazard: toxicity secondary to bromine and hydrobromic acid exposure, 816
- case of eosinophilic pneumonia and vasculitis induced by diflunisal, 1767
- cytomegalovirus as a primary pulmonary pathogen in AIDS, 128
- hypersensitivity, diagnosis of, 534
- hypersensitivity, or infection? pulmonary illness associated with exposure to *Mycobacterium avium* complex in hot tub water, 813
- interstitial, safe, high-yield technique for cutting needle biopsy of the lung in patients with diffuse lung disease, 1615
- interstitial, steroid responsive, after fludarabine therapy, 1472
- pulmonary radiation injury, 1061
- Pneumoperitoneum, cardiopulmonary effects of laparoscopic surgery, revisited, 1787
- Pneumoplasty: See Lung volume, reduction surgery
- Pneumothorax, fatal, complicating BAL in a bone marrow transplant recipient with bronchiolitis obliterans, 1468
- recurrent, pulmonary vasculopathy and, 1784
- risk prediction in lung needle biopsy by pulmonary function tests, 1141
- safe, high-yield technique for cutting needle biopsy of the lung in patients with diffuse lung disease, 1615
- spontaneous, thorascopic wedge resection of blebs under local anesthesia with sedation for treatment of, 230
- surgically treated, 290
- therapeutic thoracoscopy under local anesthesia, 1785
- thoracoscopy in children and adolescents, 494
- Poly-2(or 4)-vinylpyridine-N-oxide, silicosis in the 1990s, revisited, 837
- Polymerase chain reaction, heterogeneous *Serratia marcescens* genotypes from a nosocomial pediatric outbreak, 194
- reliability of, in diagnosis of mycobacterial infection, 832
- Polymyositis, clinical evaluation of pulmonary hypertension in systemic sclerosis and related disorders, 36
- Polysomnography, survey of oral appliance practice among dentists treating obstructive sleep apnea patients, 382
- Positive airway pressure, proportional assist ventilation and exercise tolerance in subjects with COPD, 948
- Positive airway pressure, bilevel, nasal ventilation, effect of, on the postoperative pulmonary restrictive syndrome in obese patients undergoing gastroplasty, 665
- bilevel, nocturnal non-invasive positive pressure ventilatory assistance, vol. 110:1581; erratum, vol. 111:1148
- bilevel, noninvasive positive pressure ventilation for acute respiratory failure: underutilized or overrated? 1672
- bilevel, noninvasive ventilation: a welcome resurgence and a plea for caution, 1482
- Positive airway pressure, continuous, pressure vs flow triggering during PSV, 1649
- proportional assist ventilation and exercise tolerance in subjects with COPD, 948
- treatment algorithm for OSA, 528
- Positive airway pressure, continuous, nasal, aortic root dilatation in Marfan's syndrome, 1763
- bed partners' assessment of, in obstructive sleep apnea, 1261
- Cheyne-Stokes respiration during sleep in congestive heart failure, 467
- group education sessions and compliance with therapy, 1273
- noninvasive ventilation: a welcome resurgence and a plea for caution, 1482
- treated obstructive sleep apnea patients, serotonin-induced cortisol release in, 632
- who should treat sleep apnea and how? 266
- Positive end-expiratory pressure, applied, during pressure support reduces the inspiratory threshold load of intrinsic PEEP, 188
- echocardiographic pattern of acute cor pulmonale, 209
- human and financial costs of noninvasive mechanical ventilation in patients affected by COPD and acute respiratory failure, 1631
- intrinsic, during one-lung ventilation for thoracic surgery, vol. 110:180; erratum, vol. 111:836
- noninvasive positive pressure ventilation for acute respiratory failure: underutilized or overrated? 1672
- noninvasive ventilation: a welcome resurgence and a plea for caution, 1482
- performance characteristics of bilevel pressure ventilators: a lung model study, 1050
- pressure vs flow triggering during PSV, 1649
- prone positioning and low-volume pressure limited ventilation improve survival in patients with severe ARDS, 1008
- Positive pressure ventilation, intermittent, combination of tracheal gas insufflation and airway pressure release ventilation, 1366
- intermittent, noninvasive ventilation: a welcome resurgence and a plea for caution, 1482
- intermittent, why be limited to nocturnal noninvasive? 1471, 1472
- low-frequency, rescue therapy for ARDS, 845
- nocturnal noninvasive, assistance, vol. 110:1581; erratum, vol. 111:1148
- noninvasive: a positive view in need of supportive evidence, 1479
- noninvasive, for acute respiratory failure: underutilized or overrated? 1672
- Postoperative complications: See also Cardiopulmonary complications; Pulmonary complications, airway obstruction with percutaneous tracheostomy, 1468
- alternative technique in the management of bullous emphysema: thorascopic endoloop ligation of bullae, 489
- citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- community-based regional ventilator weaning unit, 1024
- comparison of early IgM-enriched immunoglobulin vs polyvalent IgG administration in score-identified postcardiac surgical patients at high risk for sepsis, 419
- complete lobar collapse following pulmonary lobectomy, 1285
- cost-effective and surgically effective lung volume reduction surgery, 268
- detection of small airway dysfunction using specific airway conductance, 1533
- diagnosis and localization of bronchopulmonary air leaks using ventilation scintigraphy, 286
- effect of BiPAP nasal ventilation on the postoperative pulmonary restrictive syndrome in obese patients undergoing gastroplasty, 665
- empyema necessitatis due to *Actinomyces odontolyticus*, 1144
- fatal pneumothorax complicating BAL in a bone marrow transplant recipient with bronchiolitis obliterans, 1468
- high-resolution CT in long-term follow-up after lung transplantation, 370
- histopathologic diagnosis made in lung tissue resected from patients with severe emphysema undergoing lung volume reduction surgery, 941
- is atelectasis following aortocoronary bypass related to temperature? 1290
- left anterior descending coronary artery bridge: a cause of early death after cardiac transplantation, 511
- managing asymptomatic patients with chronic aortic regurgitation, 1702
- postesophagectomy mediastinal chylothorax causing upper airway obstruction misdiagnosed as asthma, 1126
- postpneumonectomy pulmonary edema, 1278
- predicted postoperative FEV<sub>1</sub> and, in lung resection candidates, 1145
- preoperative spirometry and laparotomy, 1536



- pseudoaneurysm of the left ventricle after mitral valve replacement, 526
- pulmonary, predictors of, following abdominal surgery, 564
- pulmonary tuberculosis after lung transplantation, 1458
- recurrent alveolar proteinosis following double lung transplantation, 1457
- release of lipopolysaccharide toxicity-modulating proteins in patients undergoing cardiopulmonary bypass using noncoated and heparin-coated extracorporeal circuits, 577
- subglottic stenosis complicating cardiac surgery in children, 1769
- thoracoscopic wedge resection of blebs under local anesthesia with sedation for treatment of a spontaneous pneumothorax, 230
- Postoperative period, cardiorespiratory response to exercise after venous switch operation for transposition of the great arteries, 23
- early, incentive spirometry performance: a reliable indicator of pulmonary function in, after lobectomy? 559
- how tumor stage affects surgeons' surveillance strategies after lung cancer surgery, 99
- lung cancer surveillance, 11
- non-serratus-sparing antero-axillary thoracotomy with disconnection of anterior rib cartilage, 572
- perfusion lung scintigraphy for the prediction of postlobectomy residual pulmonary function, 1542
- Posture: See Body position
- Potassium, dangerous curves: a perspective on exercise, lactate, and the anaerobic threshold, 787
- effect of nebulized albuterol on the activity of the renin-angiotensin system in asthma, 71
- Poudrage: See Talc
- Powder inhalers: See Nebulizers
- Practice guidelines: See Guidelines
- Pranlukast, asthma management, Feb. supp. pp. 1S-68S
- Prednisone, successful treatment of sclerosing cervicitis and fibrosing mediastinitis with tamoxifen, 1137
- Pregnancy, cystic fibrosis and, 963
- peripartum pleural effusion, 1467
- Preoperative care, spirometry and laparotomy, 1536
- Prescribing habits: See Drugs
- Pressure-limited ventilation, low-volume, prone positioning and, improve survival in patients with severe ARDS, 1008
- Pressure support ventilation, comparative physiologic effects of non-invasive assist-control ventilation and, in acute hypercapnic respiratory failure, 1639
- comparison of assist-control ventilation and, in the treatment of acute respiratory failure, 1322
- human and financial costs of noninvasive mechanical ventilation in patients affected by COPD and acute respiratory failure, 1631
- noninvasive positive pressure ventilation for acute respiratory failure: underutilized or overrated? 1672
- performance characteristics of bilevel pressure ventilators, 1050
- pressure vs flow triggering during, 1649
- work of breathing: the debate continues... 225; the authors respond, 228
- Primary care, downsizing competence, 1478
- postoperative lung cancer surveillance, 11
- Prinzmetal's angina, neurocardiogenic syncope and, associated with bronchogenic carcinoma, 819
- Probability, interpretation of ventilation/perfusion lung scans, 1246
- reliability of polymerase chain reaction in diagnosis of mycobacterial infection, 832
- Progesterone, 'circa menstrual' rhythmicity and asthma, 840
- exogenous, paradoxical down-regulation and desensitization of  $\beta_2$ -adrenoceptors by, in female asthmatics, 847
- Prognosis: See also Outcome; Survival; assessment of coronary patients: performance and customization of generic severity indexes, 1666
- endobronchial disease and racial differences in pulmonary sarcoidosis, 619
- interest of a therapeutic optimization strategy in severe ARDS, 1000
- myocardial contractile reserve as prognostic determinant in patients with idiopathic dilated cardiomyopathy without overt heart failure, 344
- of sarcoidosis, importance of ethnicity in the diagnosis and, 838
- perfusion lung scintigraphy for the prediction of postlobectomy residual pulmonary function, 1542
- predicting eventual success or failure to wean in patients receiving long-term mechanical ventilation, vol. 110:1018; erratum, vol. 111:836
- predictors of postoperative pulmonary complications following abdominal surgery, 564
- preoperative predictors of operative morbidity and mortality in COPD patients undergoing bilateral lung volume reduction surgery, 550
- preoperative spirometry and laparotomy, 1536
- presenting results of studies evaluating diagnostic tests, 842
- pulmonary function tests and idiopathic pulmonary fibrosis, 7
- regional lymph node classification for lung cancer staging, 1718
- revisions in the International System for Staging Lung Cancer, 1710
- significance of precordial ST-segment changes in acute inferior wall myocardial infarction, 1039
- Prokinetic agents, role of gastroesophageal reflux in chronic cough and asthma, 1389
- Prone position: See Body position
- Propofol, endoscopic treatment of malignant airway obstructions in 2,008 patients, vol. 110:1536; erratum, vol. 111:1476
- Proportional assist ventilation: See Positive airway pressure
- Prospective Investigation of Pulmonary Embolism Diagnosis (PIO-PED), prevalence of acute pulmonary embolism in central and subsegmental pulmonary arteries and relation to probability interpretation of ventilation/perfusion lung scans, 1246
- Prostacyclin, effect of acetylsalicylic acid on pulmonary gas exchange in patients with severe pneumonia, 1094
- Prostaglandin  $E_1$ , pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Protein C, factor V Leiden prevalence in venous thromboembolism patients, 1603
- Proteinosis, pulmonary alveolar, diagnosing, 460
- pulmonary: high-resolution CT, chest radiographic, and functional correlations, 989
- recurrent, following double lung transplantation, 1457
- Proteins, release of lipopolysaccharide toxicity-modulating, 577
- serum, usefulness of diagnostic tests on pericardial fluid, 1213
- Proton pump inhibitor, role of gastroesophageal reflux in chronic cough and asthma, 1389
- role of intermittent enteral feeding in reducing gastric colonization in mechanically ventilated patients, 1475
- Protriptyline, treatment algorithm for OSA, 528
- Pseudallescheriasis, invasive, pulmonary tuberculosis associated with, 508
- Pseudoaneurysm, distinguishing left ventricular aneurysm from, 1403
- of the left ventricle after mitral valve replacement, 526
- Pseudomonas aeruginosa*, nebulizer, addition of albuterol, and output of tobramycin aerosols, 1206
- comparison of peak sputum tobramycin concentration in patients with cystic fibrosis using jet and ultrasonic nebulizer systems, 955
- immediate transcatheter embolization of Swan-Ganz catheter-induced, 1450
- Psychosocial support, bed partners' assessment of nasal continuous positive airway pressure therapy in obstructive sleep apnea, 1261
- components of a respiratory rehabilitation program, 1077
- Public health: See Smoking; Tuberculosis
- Pulmonary abscess: See Abscess
- Pulmonary and critical care pearls, abdominal pain, heart murmur, and lung infiltrates in a 40-year-old man, 498
- bilateral pleural masses and shortness of breath associated with multiple myeloma, 1750
- 41-year-old man with thigh pain and loss of sensation in the toes, 810
- persistent pulmonary infiltrate and bronchorrhea in a young woman, 1442
- respiratory failure following stereotactic neurosurgery in a 53-year-old woman, 1112
- 60-year-old man with a malignant tumor of the upper airway and unexplained respiratory failure, 239



- Pulmonary artery: See also Hypertension, pulmonary; anastomoses, intraoperative transesophageal echocardiographic assessment of, in lung transplantation, 1229
- arteriopathy, clinical evaluation of pulmonary hypertension in systemic sclerosis and related disorders, 36
- bilateral pleural masses and shortness of breath associated with multiple myeloma, 1750
- brain death alters cardiopulmonary hemodynamics and impairs right ventricular power reserve against an elevation of pulmonary vascular resistance, 706
- early reperfusion induces alveolar injury in pulmonary embolism, 198
- flotation catheters: better late than never? 1465
- flotation catheters, noninvasive measurement of pulmonary arterial blood velocity: can it replace right heart catheterization? 1470
- flotation catheters: statement by the ACCP, ATS, 261
- occlusion, refractory hypoxemia due to intrapulmonary shunting associated with bronchioloalveolar carcinoma, 1120
- pharmacologic hemodynamic support in massive pulmonary embolism, 218
- pressure, acute effects of intravenous cocaine on, and cardiac index in habitual crack smokers, 30
- pressure, comparison of two long-acting vasoactive calcium antagonists in pulmonary hypertension secondary to COPD, 1622
- pressure, ECG in pulmonary embolism, 537
- pressure, mean, use of pulsed-wave Doppler echocardiography to measure changes in, 1469, 1470
- prevalence of acute pulmonary embolism in central and subsegmental, and relation to probability interpretation of ventilation/perfusion lung scans, 1246
- pseudoaneurysm, immediate transcatheter embolization of Swan-Ganz catheter-induced, 1450
- unilateral agenesis in adulthood, 832, 834
- Pulmonary complications: See also Postoperative complications; acute activation of circulating polymorphonuclear neutrophils following *in vivo* administration of cocaine, 698
- alveolar damage in AIDS-related *Pneumocystis carinii* pneumonia, 1193
- another hot tub hazard: toxicity secondary to bromine and hydrobromic acid exposure, 816
- bronchoscopic evaluation of pulmonary infiltrates following bone marrow transplantation, 135
- controlled trial of intrapleural streptokinase in the treatment of pleural empyema and complicated parapneumonic effusions, 275
- curative irradiation of limited endobronchial carcinomas with high dose rate brachytherapy, 1417
- dextran syndrome: acute hypotension, noncardiogenic pulmonary edema, anemia, and coagulopathy following hysteroscopic surgery, 513
- early, and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- in a case of *Plasmodium vivax* malaria, 834
- peripartum pleural effusion, 1467
- postoperative, predictors of, following abdominal surgery, 564
- radiation injury, 1061
- reducing length of stay for patients hospitalized with exacerbation of COPD by using a practice guideline, 89
- safe, high-yield technique for cutting needle biopsy of the lung in patients with diffuse lung disease, 1615
- steroid responsive interstitial pneumonitis after fludarabine therapy, 1472
- surveillance bronchoscopy in lung transplant recipients, 377
- very early onset of acute amiodarone pulmonary toxicity presenting with hemoptysis, 1446
- Pulmonary diffusing capacity, acute effects of intravenous cocaine on pulmonary artery pressure and cardiac index in habitual crack smokers, 30
- DCO<sub>2</sub> measured by gastric tonometry predicts survival in children receiving extracorporeal life support, 174
- low, in subjects with acute mountain sickness, 58
- pulmonary function tests and idiopathic pulmonary fibrosis, 7
- pulmonary vasculopathy and recurrent pneumothoraces, 1784
- Pulmonary diseases, chronic, symptom-based measure of the severity of, 1607
- diffuse, safe, high-yield technique for cutting needle biopsy of the lung in patients with, 1615
- Pulmonary diseases, chronic obstructive: See also Respiratory failure; adverse effects of corticosteroid therapy for, 732
- applied PEEP during pressure support reduces the inspiratory threshold load of intrinsic PEEP, 188
- baseline characteristics of enrollees in the National Heart, Lung and Blood Institute Registry of  $\alpha_1$ -antitrypsin deficiency, 394
- black sputum and progressive cavity lung lesion in a coal miner, 808
- clinical and personality profiles and survival in patients with, 95
- community-based regional ventilator weaning unit, 1024
- comparison of two long-acting vasoactive calcium antagonists in pulmonary hypertension secondary to COPD, 1622
- components of a respiratory rehabilitation program, 1077
- defining patients' abnormal pulmonary function, 1146, 1147
- nocturnal noninvasive positive pressure ventilatory assistance, vol. 110:1581; erratum, vol. 111:1148
- noninvasive assessment of right ventricular diastolic function by electrical impedance tomography, 1222
- noninvasive positive pressure ventilation: a positive view in need of supportive evidence, 1479; a welcome resurgence and plea for caution, 1482
- prehospitalization inhaled corticosteroid use in patients with asthma or, 296
- preoperative predictors of operative morbidity and mortality in patients undergoing bilateral lung volume reduction surgery, 550
- proportional assist ventilation and exercise tolerance in subjects with, 948
- pulmonary hemodynamics and hypoxemia in sleep apnea, 256, 257
- rapid desktop theophylline assay, 324
- reducing length of stay for patients hospitalized with exacerbation of, by using a practice guideline, 89
- tracheal deviation from an atypical mediastinal mass, 503
- ventilation-perfusion response after fenoterol in hypoxemic patients with stable COPD, vol. 110:71; erratum, vol. 111:258
- Pulmonary edema, fluid of patients with acute lung injury, soluble transforming growth factor- $\alpha$  is present in, 652
- interstitial, high-resolution CT scan in the evaluation of exercise-induced, in cardiac patients, 1577
- low pulmonary diffusing capacity in subjects with acute mountain sickness, 58
- neurogenic, evidence for a hydrostatic mechanism in, 1326
- noncardiogenic: dextran syndrome, 513
- postpneumectomy, 1278
- respiratory failure following stereotactic neurosurgery, 1112
- Pulmonary embolism, acute, prevalence of, in central and subsegmental pulmonary arteries and relation to probability interpretation of ventilation/perfusion lung scans, 1246
- bilateral pleural masses and shortness of breath associated with multiple myeloma, 1750
- diffuse tumor microembolism, 1122
- early reperfusion induces alveolar injury in, 198
- ECG in: predictive value of negative T waves in precordial leads, 537
- echocardiographic pattern of acute cor pulmonale, 209
- effect of venous obstruction of lower extremities on exercise tolerance, 506
- endothelin abnormalities in patients with, 544
- factor V Leiden prevalence in venous thromboembolism patients, 1603
- follow-up for death or recurrence is not a reliable way of assessing the accuracy of diagnostic tests for thromboembolic disease, 1410
- incidence of deep venous thrombosis in ICU patients, 661
- massive, pharmacologic hemodynamic support in, 218
- new and old questions about acute venous thromboembolism, 531
- thromboembolism and duplication of inferior vena cava, 834
- thrombolytic therapy for: frequency of intracranial hemorrhage and associated risk factors, 1241
- Pulmonary embolization, therapeutic: See Embolization

- Pulmonary fibrosis, alveolar proteinosis following double lung transplantation, 1457
- asbestos-related disorders... a realistic perspective, 1424
- clinical evaluation of pulmonary hypertension in systemic sclerosis and related disorders, 36
- effect of erionite upon the pleural mesothelium of the Fisher 344 rat, 1375
- exhaled nitric oxide during exercise in primary pulmonary hypertension and, 44
- fatal cases of farmer's lung in a Canadian family, 245
- idiopathic, lung function tests in patients with, 51
- idiopathic, pulmonary function tests and: simple may be better, 7
- just say NO, 4
- pulmonary radiation injury, 1061
- pulmonary toxicity in patients with advanced-stage germ cell tumors receiving bleomycin with and without granulocyte colony stimulating factor, 657
- silicosis in the 1990s, revisited, 837
- Pulmonary function, accelerated decline in swine confinement workers, 1733
- cardiopulmonary effects of laparoscopic surgery, revisited, 1787
- cardiorespiratory response to exercise after venous switch operation for transposition of the great arteries, 23
- defining patients' abnormal, 1146, 1147
- effect of BiPAP nasal ventilation on the postoperative pulmonary restrictive syndrome in obese patients undergoing gastropasty, 665
- effect of salmeterol on nocturnal symptoms, airway function, and inflammation in asthma, 1249
- effects of obesity and fat distribution on ventilatory function, 891
- incentive spirometry performance: a reliable indicator of, in the early postoperative period after lobectomy? 559
- is the symptomatic improvement after lung volume reduction surgery correlated with FEV<sub>1</sub> in patients with diffuse emphysema? 1144
- long-term change in exercise capacity, body mass, and, in adults with cystic fibrosis, 338
- lung volume reduction surgery at a community hospital, 1552
- obesity and: more or less? 844
- postoperative, non-serratus-sparing antero-axillary thoracotomy with disconnection of anterior rib cartilage, 572
- predicting eventual success or failure to wean in patients receiving long-term mechanical ventilation, vol. 110:1018; erratum, vol. 111:836
- pregnancy and cystic fibrosis, 963
- preoperative, intrinsic PEEP during one-lung ventilation for thoracic surgery, vol. 110:180; erratum, vol. 111:836
- residual, postlobectomy, perfusion lung scintigraphy for the prediction of, 1542
- silicosis in the 1990s, revisited, 837
- weight gain and longitudinal changes in, in steel workers, 1526
- Pulmonary function tests, algorithm for pulmonary screening of military pilots in Israel, 916
- baseline characteristics of enrollees in the National Heart, Lung and Blood Institute Registry of  $\alpha_1$ -antitrypsin deficiency, 394
- diagnosing pulmonary alveolar proteinosis, 460
- histopathologic diagnosis made in lung tissue resected from patients with severe emphysema undergoing lung volume reduction surgery, 941
- how many maneuvers are required to accurately measure maximal inspiratory pressure? 802
- idiopathic pulmonary fibrosis and, 7, 51
- measurement of respiratory resistance in the emergency department: feasibility in young children with acute asthma, 1519
- pneumothorax risk prediction in lung needle biopsy by, 1141
- preoperative spirometry and laparotomy, 1536
- pulmonary alveolar proteinosis, 989
- pulmonary radiation injury, 1061
- silicosis in the 1990s, 779
- usefulness of flow volume loops in emergency center and ICU settings, 481
- Pulmonary gas exchange, effect of acetylsalicylic acid on, in patients with severe pneumonia, 1094
- low pulmonary diffusing capacity in subjects with acute mountain sickness, 58
- oxygen uptake kinetics and cardiopulmonary performance in lone atrial fibrillation and the effects of sotalol, 934
- Pulmonary infections: See also Pneumonia; comparison of peak sputum tobramycin concentration in patients with cystic fibrosis using jet and ultrasonic nebulizer systems, 955
- cytomegalovirus as a primary pulmonary pathogen in AIDS, 128
- early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- gamma-delta T cells in BAL fluid of chronic lower respiratory tract infection, 1697
- hypersensitivity pneumonitis or? pulmonary illness associated with exposure to *Mycobacterium avium* complex in hot tub water, 813
- Mycobacterium avium* complex infection in an immunocompetent young adult related to hot tub exposure, 242
- Pulmonary infiltrates, abdominal pain, heart murmur, and, in a 40-year-old man, 498
- bronchoscopic evaluation of, following bone marrow transplantation, 135
- effect of acetylsalicylic acid on pulmonary gas exchange in patients with severe pneumonia, 1094
- hemoptysis as the presenting symptom in BOOP, 1775
- persistent, and bronchorrhea in a young woman, 1442
- safe, high-yield technique for cutting needle biopsy of the lung in patients with diffuse lung disease, 1615
- Pulmonary medicine, noninvasive ventilation: a welcome resurgence and a plea for caution, 1482
- who should treat sleep apnea and how? 266
- Pulmonary neoplasms: See also Carcinoma; abdominal pain, heart murmur, and lung infiltrates in a 40-year-old man, 498
- alpha-2B recombinant interferon in the management of malignant pleural effusions, 1597
- cigarette smoking and lung cancer trends, 1414
- cost of diagnosis: a comparison of four strategies, workup of solitary radiographic lung lesions, 870
- detecting, as a cause of hemoptysis in patients with a normal chest radiograph: bronchoscopy vs CT, 877
- detection of chromosomal aneuploidy by interphase fluorescence *in situ* hybridization in bronchoscopically gained cells from lung cancer patients, 1691
- differential diagnosis of pleural effusion by lactate dehydrogenase isoenzyme analysis, 648
- diffuse tumor microembolism, 1122
- effect of a patient's risk-taking attitude on the cost effectiveness of testing strategies in the evaluation of pulmonary lesions, 1583
- endoscopic treatment of malignant airway obstructions in 2,008 patients, vol. 110:1536; erratum, vol. 111:1476
- how tumor stage affects surgeons' surveillance strategies after surgery, 99
- morphometric evaluation of argyrophilic nucleolar organizer region is useful in predicting long-term survival in squamous cell carcinoma, 110
- non-serratus-sparing antero-axillary thoracotomy with disconnection of anterior rib cartilage, 572
- non-small cell, tumor neutrophil elastase is closely associated with the direct extension of non-small cell lung cancer into the aorta, 885
- non-small cell, what's new in staging of lung cancer? 1486
- postoperative surveillance, 11
- predicted postoperative FEV<sub>1</sub> and complications in lung resection candidates, 1145
- primary, calcifying liver metastases in a case with, 1121
- pulmonary radiation injury, 1061
- pulmonary toxicity in patients with advanced-stage germ cell tumors receiving bleomycin with and without granulocyte colony stimulating factor, 657
- regional lymph node classification for staging, 1718
- revisions in the International System for Staging Lung Cancer, 1710
- screening for lung cancer, 754
- small cell, obstructive atelectasis in patients with, 115

- small cell, resectable stage I to IIIA, pilot phase 2 study of surgical treatment after induction chemotherapy for, 1089
- there and back again: lung cancer screening, 532
- unilateral lung hyperinflation in a patient with chronic cough, 1117
- usefulness of argyrophilic nucleolar organizer regions score to differentiate suspicious malignancy in pulmonary cytology, 1591
- usefulness of collecting routine cytologic specimens during fiberoptic bronchoscopy for endoscopically visible and nonvisible lung carcinoma, 522, 523
- video-assisted lobectomy in the elderly, 1101
- what's new in staging of lung cancer? 1486
- woman with cavitating left upper lobe lesion, 1757
- Pulmonary nodules, multiple, a 63-year-old woman with weight loss and, 236
- 31-year-old man with a thick-walled cyst, 1754
- Pulmonary physiologic test of the month, how many maneuvers are required to accurately measure maximal inspiratory pressure? 802
- usefulness of flow volume loops in emergency center and ICU settings, 481
- Pulmonary restrictive syndrome, postoperative, effect of BiPAP nasal ventilation on, in obese patients undergoing gastroplasty, 665
- Pulmonary toxicity in patients with advanced-stage germ cell tumors receiving bleomycin with and without granulocyte colony stimulating factor, 657
- Pulmonary tuberculosis: See Tuberculosis, pulmonary
- Pulmonary vascular resistance, brain death alters cardiopulmonary hemodynamics and impairs right ventricular power reserve against an elevation of, 706
- pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Pulmonary vasoconstriction, acute hypoxic, use of pulsed-wave Doppler echocardiography to measure changes in MPAP, 1469, 1470
- Pulmonary vein, anastomoses, intraoperative transesophageal echocardiographic assessment of, in lung transplantation, 1229
- Pulmonology: See Pulmonary medicine
- Pulse oximetry: See Oximetry, pulse
- Pulsed-wave Doppler echocardiography: See Echocardiography
- PVNO: See Poly[2(or 4)-vinylpyridine-N-oxide]
- Pyrazinamide, *Mycobacterium avium* complex infection in an immunocompetent young adult related to hot tub exposure, 242
- QRS complex: See Electrocardiography
- QT interval: See Electrocardiography
- Quality, control, spirometry testing in the registry for patients with severe  $\alpha_1$ -antitrypsin deficiency, 899
- dowsizing competence, 1478
- Quality of life, bed partners' assessment of nasal continuous positive airway pressure therapy in obstructive sleep apnea, 1261
- components of a respiratory rehabilitation program, 1077
- effect of a patient's risk-taking attitude on the cost effectiveness of testing strategies in the evaluation of pulmonary lesions, 1583
- lung volume reduction surgery at a community hospital, 1552
- symptom-based measure of the severity of chronic lung disease, 1607
- Rabbits, dexamethasone treatment does not ameliorate subglottic ischemic injury in, 1356
- effects of early chest tube placement on empyema resolution, 1679
- noninvasive detection of atherosclerotic lesions by  $^{99m}\text{Tc}$ -based immunoscintigraphic targeting of proliferating smooth muscle cells, 1684
- Radial artery, sampling blood with a fine needle, 1474
- Radiation injury, pulmonary, 1061
- Radioallergosorbent testing, high prevalence of allergic sensitization in children with habitual snoring and obstructive sleep apnea, 170
- Radiofrequency volumetric reduction of the tongue, 1348
- Radiography: See also Roentgenogram of the month; citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- cost of diagnosis: a comparison of four different strategies in the workup of solitary lung lesions, 870
- diagnosing pulmonary alveolar proteinosis, 460
- diagnosis of hypersensitivity pneumonitis, 534
- distinguishing left ventricular aneurysm from pseudoaneurysm, 1403
- early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- normal, acute lupus pneumonitis with, 1781
- normal, detecting lung cancer as a cause of hemoptysis in patients with: bronchoscopy vs CT, 877
- postoperative lung cancer surveillance, 11
- prevalence of small lung opacities in populations unexposed to dusts, 404
- pulmonary alveolar proteinosis, 989
- pulmonary radiation injury, 1061
- screening for lung cancer, 754
- severity, utility of lactate dehydrogenase vs, in the differential diagnosis of *Pneumocystis carinii* pneumonia, 1187
- strategies for treatment of occult carcinomas of the endobronchus, 1158
- surgically treated pneumothorax, 280
- there and back again: lung cancer screening, 532
- utility of a single sputum specimen in the diagnosis of tuberculosis, 1174
- Radionuclide angiography, myocardial contractile reserve as prognostic determinant in patients with idiopathic dilated cardiomyopathy without overt heart failure, 344
- imaging, noninvasive detection of atherosclerotic lesions by  $^{99m}\text{Tc}$ -based immunoscintigraphic targeting of proliferating smooth muscle cells, 1684
- Radiotherapy, curative irradiation of limited endobronchial carcinomas with high-dose rate brachytherapy, 1417
- obstructive atelectasis in patients with small cell lung cancer, 115
- pulmonary radiation injury, 1061
- strategies for treatment of occult carcinomas of the endobronchus, 1158
- Rats, alveolar epithelial fluid clearance mechanisms are intact after moderate hyperoxic lung injury in, 1381
- effect of erionite upon the pleural mesothelium of the Fisher 344 rat, 1375
- Reactive airways dysfunction syndrome: See Airway
- Reactive oxygen species, exhaled pentane levels in acute asthma, 862
- Rebreathing (carbon dioxide): See Carbon dioxide rebreathing
- Receiver operating characteristic (ROC) curve: See ROC curve
- Reconstructive surgery: See Surgery, plastic
- Recurrence: See also Neoplasm recurrence; Aspergillus bronchitis, 835
- thromboembolic disease, 1410
- sarcoidosis, 623, 838
- Reference values, development of ventilatory responses to exercise in normal white children, 327
- Rehabilitation: See also Ventilator weaning; preoperative predictors of operative morbidity and mortality in COPD patients undergoing bilateral lung volume reduction surgery, 550
- proportional assist ventilation and exercise tolerance in subjects with COPD, 948
- respiratory, components of a program, 1077
- Reintubation, airway exchange catheters for safe extubation, 1483
- prospective study of the safety of tracheal extubation using a pediatric airway exchange catheter for patients with a known difficult airway, 1660
- Relapse: See Neoplasm recurrence; Recurrence
- Religion, Buddha, 524, 525
- Renal failure: See Kidney failure
- Renin-angiotensin system, effect of nebulized albuterol on, in asthma, 71
- Reperfusion, early, induces alveolar injury in pulmonary embolism, 198
- median fibrillation frequency in cardiac surgery: influence of temperature and guide to countershock therapy, 1560

- Research, components of a respiratory rehabilitation program: a systematic overview, 1077
- impact of gender on outcome from mechanical ventilation, 434
- minocycline sclerosis for malignant pericardial effusions, 524
- noninvasive positive pressure ventilation: a positive view in need of supportive evidence, 1479
- presenting results of studies evaluating diagnostic tests, 842
- pulmonary artery flotation catheters, 1465
- pulmonary radiation injury, 1061
- rescue therapy for ARDS, 845
- respiratory drug delivery, 1155
- screening for lung cancer, 754
- sepsis, future of: from the bench to the bedside, 744
- Residents, the truth is the truth, and HCFA knows it, 531
- Respiration: See also Dyspnea, dangerous curves: a perspective on exercise, lactate, and the anaerobic threshold, 787
- development of ventilatory responses to exercise in normal white children, 327
- effects of changes in ventilation and cardiac output on expired nitric oxide, 1045
- effects of obesity and fat distribution on ventilatory function, 891
- prevalence of sleep-disordered breathing in diastolic heart failure, 1485
- Respiration, artificial, bronchoscopic evaluation of pulmonary infiltrates following bone marrow transplantation, 135
- comparative physiologic effects of noninvasive assist-control and PSV in acute hypercapnic respiratory failure, 1639
- early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- effect of acetylsalicylic acid on pulmonary gas exchange in patients with severe pneumonia, 1094
- impact of gender on outcome from mechanical ventilation, 434
- long-term, predicting eventual success or failure to wean in patients receiving, vol. 110:1018; erratum, vol. 111:836
- management of bronchopleural fistula with a variable-resistance valve and a single ventilator, 1452
- noninvasive, human and financial costs of, 1631
- noninvasive ventilation: a welcome resurgence and a plea for caution, 1482
- post-ICU: treatment of 1,123 patients at a regional weaning center, 1654
- postpneumonectomy pulmonary edema, 1278
- pressure vs flow triggering during PSV, 1649
- role of intermittent enteral feeding in reducing gastric colonization in mechanically ventilated patients, 1475
- safety of combined heat and moisture exchanger filters in long-term mechanical ventilation, 686
- usefulness of quantitative cultures of BAL fluid for diagnosing nosocomial pneumonia in ventilation patients, 411
- work of breathing: the debate continues... 225; the authors respond, 228
- Respiratory distress syndrome, adult, echocardiographic pattern of acute cor pulmonale, 209
- impact of gender on outcome from mechanical ventilation, 434
- increased mortality of older patients with, 1334
- infections and the inflammatory response in, 1306
- rescue therapy for ARDS, 845
- severe, interest of a therapeutic optimization strategy in, 1000
- severe, prone positioning and low-volume pressure limited ventilation improve survival in patients with, 1008
- succinylcholine-induced hyperkalemia following prolonged pharmacologic neuromuscular blockade, 248
- Respiratory failure, acute, comparison of PSV and assist-control ventilation in the treatment of, 1322
- acute, human and financial costs of noninvasive mechanical ventilation in patients affected by COPD and, 1631
- acute hypercapnic, comparative physiologic effects of noninvasive assist-control and PSV in, 1639
- acute, noninvasive positive pressure ventilation for: underutilized or overrated? 1672
- applied nutrition in ICU patients: ACCP consensus statement, 769
- community-based regional ventilator weaning unit, 1024
- diffuse tumor microembolism, 1122
- early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- fatal pneumothorax complicating BAL in a bone marrow transplant recipient with bronchiolitis obliterans, 1468
- following stereotactic neurosurgery in a 53-year-old woman, 1112
- hemoptysis, hepatopulmonary syndrome, and, 1724
- kyphoscoliosis and bronchial torsion, 1134
- noninvasive positive pressure ventilation: a positive view in need of supportive evidence, 1479; a welcome resurgence and a plea for caution, 1482
- performance characteristics of bilevel pressure ventilators, 1050
- 60-year-old man with a malignant tumor of the upper airway and unexplained respiratory failure, 239
- usefulness of flow volume loops in emergency center and ICU settings, 481
- why be limited to nocturnal noninvasive IPPV? 1471, 1472
- Respiratory muscles, comparative physiologic effects of noninvasive assist-control and PSV in acute hypercapnic respiratory failure, 1639
- loads, applied PEEP during pressure support reduces the inspiratory threshold load of intrinsic PEEP, 188
- Respiratory therapists, human and financial costs of noninvasive mechanical ventilation in patients affected by COPD and acute respiratory failure, 1631
- Respiratory tract infections: See Pulmonary infections
- Restriction fragment length polymorphism, *Mycobacterium avium* complex infection in an immunocompetent young adult related to hot tub exposure, 242
- Revascularization, aneurysmal coronary artery disease: atherosclerotic coronary artery ectasia or adult mucocutaneous lymph node syndrome (Kawasaki's disease)? 796
- bilateral functioning Vineberg grafts: a 25-year follow-up, 824
- Reviews, adverse effects of corticosteroid therapy for COPD, 732
- bedside methods for detecting aspiration in tube-fed patients, 724
- cardiac resuscitation: the search for hemodynamically more effective methods, 712
- Cheyne-Stokes respiration during sleep in congestive heart failure, 467
- components of a respiratory rehabilitation program, 1077
- diagnosing pulmonary alveolar proteinosis, 460
- distinguishing left ventricular aneurysm from pseudoaneurysm, 1403
- echocardiographic pattern of acute cor pulmonale, 209
- managing asymptomatic patients with chronic aortic regurgitation, 1702
- nocturnal noninvasive positive pressure ventilatory assistance, vol. 110:1581; erratum, vol. 111:1148
- pharmacologic hemodynamic support in massive pulmonary embolism, 218
- pulmonary radiation injury, 1061
- role of gastroesophageal reflux in chronic cough and asthma, 1389
- Rhabdomyolysis, 41-year-old man with thigh pain and loss of sensation in the toes, 810
- Rheumatoid arthritis: See Arthritis, rheumatoid
- Rhinoscleroma, usefulness of flow volume loops in emergency center and ICU settings, 481
- Rib cartilage, disconnection of anterior, non-serratus-sparing antero-axillary thoracotomy with, 572
- Rifampin, *Mycobacterium avium* complex infection in an immunocompetent young adult related to hot tub exposure, 242
- Rifampin resistance: See Tuberculosis
- Risk management, is direct physician supervision of exercise stress testing routinely necessary? 262
- Risk-taking, effect of a patient's attitude on the cost effectiveness of testing strategies in the evaluation of pulmonary lesions, 1583
- ROC curve, diagnostic value of tests that discriminate between exudative and transudative pleural effusions, 970
- presenting results of studies evaluating diagnostic tests, 842
- Roentgenogram of the month, black sputum and progressive cavitary lung lesion in a coal miner, 808
- 77-year-old man with a lung mass, 1439
- 63-year-old woman with weight loss and multiple lung nodules, 236
- 31-year-old man with a thick-walled cyst, 1754
- tracheal deviation from an atypical mediastinal mass, 503



unilateral lung hyperinflation in a patient with chronic cough, 1117  
Rosenthal-Chai technique: See Dosimetry

Salbutamol, clinical efficacy of combination nebulized anticholinergic and adrenergic bronchodilators vs nebulized adrenergic bronchodilator alone in acute asthma, 311  
Salmeterol, effect of, on nocturnal symptoms, airway function, and inflammation in asthma, 1249  
Sandblasting, silicosis in the 1990s, 779  
silicosis in the 1990s, revisited, 837  
SAPS II, assessment of the prognosis of coronary patients, 1666  
Sarcoid, safe, high-yield technique for cutting needle biopsy of the lung in patients with diffuse lung disease, 1615  
Sarcoidosis, importance of ethnicity in the diagnosis and prognosis of, 838  
outcome in: the relationship of relapse to corticosteroid therapy, 623  
presenting as a central nervous system mass lesion, 518  
pulmonary, endobronchial disease and racial differences in, 619  
*Scedosporium apiospermum*, pulmonary tuberculosis associated with invasive pseudallescheriasis, 508  
Scintigraphy: See Ventilation-perfusion  
Scleroderma, clinical evaluation of pulmonary hypertension in systemic sclerosis and related disorders, 36  
Sclerosis, minocycline, for malignant pericardial effusions, 524  
systemic, and related disorders, clinical evaluation of pulmonary hypertension in, 36  
Sclerotherapy, minocycline sclerosis for malignant pericardial effusions, 524  
Secretions, aspiration of: See Aspiration  
Sedation, in fiberoptic bronchoscopy, 1142  
thoroscopic wedge resection of blebs under local anesthesia with, for treatment of a spontaneous pneumothorax, 230  
Selectins, platelet activation in embolic and preembolic status of patients with nonrheumatic atrial fibrillation, 929  
Self-care, factors associated with emergency department dependence of patients with asthma, 290  
Senning procedure (venous switch operation): See Surgery  
Sepsis: See also Systemic inflammatory response syndrome; future of research, 744  
immunoglobulin administration in score-identified postcardiac surgical patients at high risk for, 419  
why does lactic acidosis occur in acute lung injury? 1157  
Septic shock: See Shock, septic  
Serodiagnosis: See Blood  
Serotonin-induced cortisol release in CPAP-treated obstructive sleep apnea patients, 632  
*Serratia marcescens*, heterogeneous genotypes from a nosocomial pediatric outbreak, 194  
Serum markers, cardiac troponin: see ya later, CKI 2  
Severe combined immunodeficient mice: See Mice, SCID  
Severity of illness, airways remodeling is a distinctive feature of asthma and is related to, 852  
assessment of the prognosis of coronary patients: performance and customization of generic severity indexes, 1666  
chronic lung disease, symptom-based measure of, 1607  
clinical and personality profiles and survival in patients with COPD, 95  
ECG in pulmonary embolism, 537  
interest of a therapeutic optimization strategy in severe ARDS, 1000  
laboratory abnormalities in patients with bacterial pneumonia, 595  
outcome in sarcoidosis, 623  
post-ICU mechanical ventilation, 1654  
pregnancy and cystic fibrosis, 963  
sleep/wake habits of patients diagnosed as having obstructive sleep apnea, 1494  
Sex factors, impact of gender on outcome from mechanical ventilation, 434  
Sex hormones, 'circa menstrual' rhythmicity and asthma, 840  
paradoxical down-regulation and desensitization of  $\beta_2$ -adrenoceptors by exogenous progesterone in female asthmatics, 847

Shock, hemorrhagic, hepatic bleeding and, following thrombolytic therapy in patients with acute myocardial infarction, 1787  
septic, from the bench to the bedside: the future of sepsis research, 744  
why does lactic acidosis occur in acute lung injury? 1157  
Shunt, intrapulmonary, comparison of transesophageal and transthoracic contrast echocardiography for detection of, in liver disease, 1236  
effect of acetylsalicylic acid on pulmonary gas exchange in patients with severe pneumonia, 1094  
refractory hypoxemia due to, associated with bronchioloalveolar carcinoma, 1120  
previously diagnosed, venous air embolism: echocardiographic diagnosis of air bubbles in the left side of the heart in a patient with, 826  
Silicosis, in the 1990s, 779  
in the 1990s, revisited, 837  
Simplified Acute Physiology Score: See SAPS II  
Six-minute walk test: See Exercise testing  
Skeleton, contribution of craniofacial risk factors in increasing apneic activity among obese and nonobese habitual snorers, 154  
Skin, adverse effects of corticosteroid therapy for COPD, 732  
Skinfold thickness, effects of obesity and fat distribution on ventilatory function, 891  
Skull: See Craniofacial risk factors  
Sleep, Cheyne-Stokes respiration during, in congestive heart failure, 467  
-disordered breathing, prevalence of, in diastolic heart failure, 1488  
quantitative aspiration during, in normal subjects, 1266  
-related myocardial ischemia and sleep structure in patients with obstructive sleep apnea and coronary heart disease, 387  
/wake habits of patients diagnosed as having obstructive sleep apnea, 1494  
why be limited to nocturnal noninvasive IPPV? 1471, 1472  
Sleep apnea, who should treat (it) and how? 266  
central, reversal of, with oxygen, 163  
central, 'dephlogisticated air' revisited: oxygen treatment for, 269  
Sleep apnea syndromes, obstructive, aortic root dilatation in Marfan's syndrome: a contribution from? 1763  
availability of a meta-analysis of the surgical treatment of, 265  
bed partners' assessment of nasal continuous positive airway pressure therapy in, 1261  
contribution of craniofacial risk factors in increasing apneic activity among obese and nonobese habitual snorers, 154  
exhaled pentane and nitric oxide levels in patients with, 1500  
group education sessions and compliance with nasal CPAP therapy, 1273  
high prevalence of allergic sensitization in children with habitual snoring and, 170  
nocturnal noninvasive positive pressure ventilatory assistance, vol. 110:1581; erratum, vol. 111:1148  
performance characteristics of bilevel pressure ventilators, 1050  
pulmonary hemodynamics and hypoxemia in sleep apnea, 256, 257  
radiofrequency volumetric reduction of the tongue: a porcine pilot study for the treatment of, 1348  
serotonin-induced cortisol release in CPAP-treated patients, 632  
sleep/wake habits of patients diagnosed as having, 1494  
sleep-related myocardial ischemia and sleep structure in patients with coronary heart disease and, 387  
survey of oral appliance practice among dentists treating patients (with), 382  
sympathetic nervous system alterations in, 639  
treatment algorithm for, 528  
Sleepiness, daytime, sleep/wake habits of patients diagnosed as having obstructive sleep apnea, 1494  
Slurry, comparison of thoroscopic talc insufflation, mechanical abrasion pleurodesis, and, 442  
Smoke inhalation, early complications and value of initial clinical and paraclinical observations in victims of, without burns, 671  
Smoking, accelerated lung function decline in swine confinement workers, 1733  
adverse effects of corticosteroid therapy for COPD, 732



- baseline characteristics of enrollees in the National Heart, Lung and Blood Institute Registry of  $\alpha_1$ -antitrypsin deficiency, 394
- cessation, cigarette smoking and lung cancer trends, 1414
- cessation, reduction of environmental tobacco smoke exposure in asthmatic children, 81
- critical age that the young start the devastating habits of narcotics and, 1466
- predictors of postoperative pulmonary complications following abdominal surgery, 564
- prehospitalization inhaled corticosteroid use in patients with COPD or asthma, 296
- screening for lung cancer, 754
- silicosis in the 1990s, revisited, 837
- there and back again: lung cancer screening, 532
- weight gain and longitudinal changes in lung function in steel workers, 1526
- Smooth muscle, cells, proliferating, noninvasive detection of atherosclerotic lesions by  $^{99m}\text{Tc}$ -based immunoscintigraphic targeting of, 1694
- Snoring, contribution of craniofacial risk factors in increasing apneic activity among obese and nonobese habitual snorers, 154
- habitual, high prevalence of allergic sensitization in children obstructive sleep apnea and, 170
- who should treat sleep apnea and how? 266
- Social support: See Psychosocial support
- Socioeconomic factors, factors associated with emergency department dependence of patients with asthma, 290
- Sodium metabisulfite-induced bronchoconstriction in asthma, effect of inhaled magnesium sulfate on, 858
- Sodium nitroprusside, pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Sotalol, oxygen uptake kinetics and cardiopulmonary performance in lone atrial fibrillation and the effects of, 934
- Soybean hull allergens, specific immunoglobulins to, in soybean asthma, 75
- Spain, specific immunoglobulins to soybean hull allergens in soybean asthma, 75
- Specialties, downsizing competence: the myth of quality or let the barber do the surgery, 1478
- who should treat sleep apnea and how? 266
- Spine, thoracic, tracheal deviation from an atypical mediastinal mass, 503
- Spirometry, incentive performance: a reliable indicator of pulmonary function in the early postoperative period after lobectomy? 559
- measurement of respiratory resistance in the emergency department: feasibility in young children with acute asthma, 1519
- pneumothorax risk prediction in lung needle biopsy by pulmonary function tests, 1141
- preoperative, and laparotomy: blowing away dollars, 1536
- quality control of testing in the registry for patients with severe  $\alpha_1$ -antitrypsin deficiency, 899
- Splanchnic ischemia, liver function and, in critically ill patients, 180
- Sports, alternative to the football helmet, 1786
- Sputum, black, and progressive cavity lung lesion in a coal miner, 808
- comparison of peak tobramycin concentration in patients with cystic fibrosis using jet and ultrasonic nebulizer systems, 955
- cost of diagnosis: a comparison of four different strategies in the workup of solitary radiographic lung lesions, 870
- detecting lung cancer as a cause of hemoptysis, 877
- diagnosing pulmonary alveolar proteinosis, 460
- early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671
- effect of a patient's risk-taking attitude on the cost effectiveness of testing strategies in the evaluation of pulmonary lesions, 1583
- from magic mountains to modern times, 1153
- screening for lung cancer, 754
- significance of *Mycobacterium avium* complex cultivation in patients with pulmonary tuberculosis, 142
- utility of a single specimen in the diagnosis of tuberculosis, 1174
- Squamous cell carcinoma: See Carcinoma, squamous cell
- ST segments: See Electrocardiography
- Staging, tumor: See Neoplasm staging
- Staining technique, argyrophil: See Argyrophilic nucleolar organizer regions
- Staphylococcus aureus*, acute activation of circulating polymorphonuclear neutrophils following *in vivo* administration of cocaine, 698
- Statistical analysis, differential diagnosis of pleural effusion by lactate dehydrogenase isoenzyme analysis, 648
- number needed to treat, presenting results of studies evaluating diagnostic tests, 842
- number of tests needed to diagnose, detecting lung cancer as a cause of hemoptysis in patients with a normal chest radiograph: bronchoscopy vs CT, 877
- predictors of postoperative pulmonary complications following abdominal surgery, 564
- screening for lung cancer: another look; a different view, 754
- Steel workers: See Occupational exposure
- Stenosis, subglottic, complicating cardiac surgery in children, 1769
- Stents, endoscopic treatment of malignant airway obstructions, vol. 110:1536; erratum, vol. 111:1476
- kyphoscoliosis and bronchial torsion, 1134
- Stereotactic neurosurgery, respiratory failure following, in a 53-year-old woman, 1112
- Stomach, mechanisms of gastric juice-induced hyperpermeability of the cultured human tracheal epithelium, 454
- role of intermittent enteral feeding in reducing gastric colonization in mechanically ventilated patients, 1475
- Streptokinase, intrapleural, controlled trial of, in the treatment of pleural empyema and complicated parapneumonic effusions, 275
- randomized trial of empyema therapy, 1548
- Stroke, 'dephlogisticated air' revisited: oxygen treatment for central sleep apnea syndrome, 269
- Stroke volume, elastic energy as an index of right ventricular filling, 351
- is measurement of cardiac output using impedance cardiography accurate? 1786
- left atrial function as a reliable predictor of exercise capacity in patients with recent myocardial infarction, 922
- Subepicardial ischemia: See Ischemia
- Substance abuse: See Alcoholism; Cocaine; Smoking
- Succinylcholine, -induced hyperkalemia following prolonged pharmacologic neuromuscular blockade, 248
- Succralfate, role of intermittent enteral feeding in reducing gastric colonization in mechanically ventilated patients, 1475
- Suicide, Buddha, 524, 525
- Sulfamethoxazole: See Trimethoprim-sulfamethoxazole
- Superoxide, early reperfusion induces alveolar injury in pulmonary embolism, 198
- Supportive care, rescue therapy for ARDS, 845
- Surgery: See also Heart surgery; Postoperative complications; Postoperative period; Thoracic surgery; names of specific procedures, e.g., Lobectomy; Lung volume reduction surgery; abdominal, predictors of postoperative pulmonary complications following, 564
- aorto-left atrial fistula: a reversible cause of acute refractory heart failure, 828
- cardiorespiratory response to exercise after venous switch operation for transposition of the great arteries, 23
- citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- descending necrotizing mediastinitis, 529
- diagnosis of asbestosis: *primum non nocere*, 1427
- downsizing competence, 1478
- endoscopic treatment of malignant airway obstructions in 2,008 patients, vol. 110:1536; erratum, vol. 111:1476
- how tumor stage affects surgeons' surveillance strategies after, 99
- hysteroscopic, dextran syndrome, 513
- pilot phase 2 study of surgical treatment after induction chemotherapy for resectable stage I to IIIA small cell lung cancer, 1089
- plastic, subglottic stenosis complicating cardiac surgery in children, 1769

- radiofrequency volumetric reduction of the tongue: a porcine pilot study for the treatment of obstructive sleep apnea syndrome, 1348
- refractory hypoxemia due to intrapulmonary shunting associated with bronchioloalveolar carcinoma, 1120
- regional lymph node classification for lung cancer staging, 1718
- reoperation, intraoperative transesophageal echocardiographic assessment of vascular anastomoses in lung transplantation, 1229
- retroglottal, availability of a meta-analysis of treatment of obstructive sleep apnea, 265
- role of gastroesophageal reflux in chronic cough and asthma, 1389
- surgically treated pneumothorax, 280
- there and back again: lung cancer screening, 532
- treatment algorithm for OSA, 528
- venous switch operation for transposition of the great arteries, 23
- what's new in staging of lung cancer? 1486
- who should treat sleep apnea and how? 266
- woman with shortness of breath and left pleuritic pain, 1115
- Survival: See also Outcome: Mortality; clinical and personality profiles and, in patients with COPD, 95
- DCO<sub>2</sub> measured by gastric tonometry predicts, in children receiving extracorporeal life support, 174
- long-term, morphometric evaluation of argyrophilic nucleolar organizer region is useful in predicting, in squamous cell carcinoma of the lung, 110
- pilot phase 2 study of surgical treatment after induction chemotherapy for resectable stage I to IIIA small cell lung cancer, 1089
- pregnancy and cystic fibrosis, 963
- prone positioning and low-volume pressure limited ventilation improve (it) in patients with severe ARDS, 1008
- pulmonary function tests and idiopathic pulmonary fibrosis, 7
- rescue therapy for ARDS, 845
- there and back again: lung cancer screening, 532
- tuberculosis in heart transplant recipients, 365
- what's new in staging of lung cancer? 1486
- Swallowing, reflex, aging effects on, 1466
- Swimming pools, pulmonary tuberculosis associated with invasive pseudallescheriasis, 508
- Swine confinement workers, accelerated lung function decline in, 1733
- effects of changes in ventilation and cardiac output on expired nitric oxide, 1045
- radiofrequency volumetric reduction of the tongue, pilot study for treatment of obstructive sleep apnea syndrome, 1348
- Switzerland, safety of combined heat and moisture exchanger filters in long-term mechanical ventilation, 686
- Sympathetic nervous system, alterations in sleep apnea, 639
- vagotonia and bronchial asthma, 8
- Syncope, near-, man with AIDS experiences, 501
- neurocardiogenic, and Prinzmetal's angina associated with bronchogenic carcinoma, 819
- Syndrome of acute reversible hypoxemia: See Anoxemia
- Systemic inflammatory response syndrome, applied nutrition in ICU patients: ACCP consensus statement, 769
- infections and, in ARDS, 1306
- monitoring tissue oxygenation, 12
- release of lipopolysaccharide toxicity-modulating proteins in patients undergoing cardiopulmonary bypass using noncoated and heparin-coated extracorporeal circuits, 577
- release of lactate by the lung in acute lung injury, 1301
- Systemic lupus erythematosus, see Lupus erythematosus, systemic
- Systole, effects of left ventricular peak filling rate on exercise capacity 3 to 6 weeks after acute myocardial infarction, 590
- T-cells: See Lymphocytes
- T-wave abnormalities: See Electrocardiography
- Tachycardia, 60-year-old man with a malignant tumor of the upper airway and unexplained respiratory failure, 239
- ventricular, unsustained polymorphous, during aniodarone therapy for atrial fibrillation complicating cardiomyopathy, 1454
- Take, comparison of thoracoscopic insufflation, slurry, and mechanical abrasion pleurodesis, 442
- pleurodesis, cost-effective and surgically effective lung volume reduction surgery, 268
- Tamoxifen, successful treatment of sclerosing cervicitis and fibrosing mediastinitis with, 1137
- Tamponade, balloon: See Balloon tamponade
- Teaching, the truth is the truth, and HCFA knows it, 531
- Technetium-DTPA, diagnosis and localization of bronchopulmonary air leaks using ventilation scintigraphy, 286
- DTPA clearance, lung epithelial permeability and bronchial responsiveness in subjects with stable asthma, 1255
- measuring nebulizer output: aerosol production vs gravimetric analysis, 1361
- noninvasive detection of atherosclerotic lesions by <sup>99m</sup>Tc-based immunoscintigraphic targeting of proliferating smooth muscle cells, 1684
- phosphate bone scans (can they) objectively document costochondritis? 1600
- Technology assessment, work of breathing: the debate continues. . . , 225; the authors respond, 228
- Telangiectasis, hemoptysis, hepatopulmonary syndrome, and respiratory failure, 1724
- Temperature: See Hypothermia, induced
- Terbinafine, relapsing *Aspergillus* bronchitis in a double lung transplant patient successfully treated with a new oral antimycotic agent, 835
- Terbutaline, alveolar epithelial fluid clearance mechanisms are intact after moderate hyperoxic lung injury in rats, 1381
- Terminal care, advance directives, revisited, 1144
- do-not-resuscitate decisions in the medical ICU: comparing physician and nurse opinions, 1106
- Tetrandine, silicosis in the 1990s, revisited, 837
- Theophylline, assay, rapid desktop, 324
- Cheyne-Stokes respiration during sleep in congestive heart failure, 467
- oral, effects of the combination of inhaled ipratropium and, in asthma, 1509
- Therapy: See Genes and gene therapy
- Thermolulution, noninvasive measurement of cardiac output by an acetylene uptake technique and simultaneous comparison with, in ICU patients, 1295
- Thigh pain, 41-year-old man with, and loss of sensation in the toes, 810
- Thoracentesis, indwelling small pleural catheter needle, in the management of large pleural effusions, 981
- pleural effusions in the medical ICU, 1018
- Thoracic duct, postesophagectomy mediastinal chylothorax causing upper airway obstruction misdiagnosed as asthma, 1126
- Thoracic endometriosis: See Endometriosis
- Thoracic spine: See Spine, thoracic
- Thoracic surgery, intrinsic positive end-expiratory pressure during one-lung ventilation for, vol. 110:180; erratum, vol. 111:836
- video-assisted lobectomy in the elderly, 1101
- video-assisted thoracoscopy's anniversary, 268
- Thoracoscopy, comparison of talc insufflation, slurry, and mechanical abrasion pleurodesis, 442
- controlled trial of intrapleural streptokinase in the treatment of pleural empyema and complicated parapneumonic effusions, 275
- diagnosis and localization of bronchopulmonary air leaks using ventilation scintigraphy, 286
- diagnosis of asbestosis, 1427
- effect of a patient's risk-taking attitude on the cost effectiveness of testing strategies in the evaluation of pulmonary lesions, 1583
- endolobectomy of bullae: alternative technique in the management of bullous emphysema, 489
- histopathologic diagnosis made in lung tissue resected from patients with severe emphysema undergoing lung volume reduction surgery, 941
- in children and adolescents, 494
- rigid debridement and continuous pleural irrigation in the management of empyema, 272

- surgery, cost-effective and surgically effective lung volume reduction, 268
- therapeutic, under local anesthesia, 1785
- video-assisted, anniversary, 268
- video-assisted, catamenial hemoptysis, 1447
- video-assisted, in children and adolescents, 494
- video-assisted lobectomy in the elderly, 1101
- video-assisted, new technology in the treatment of an old disease, 1478
- video-assisted surgery, randomized trial of empyema therapy, 1548
- wedge resection of blebs under local anesthesia with sedation for treatment of a spontaneous pneumothorax, 230
- Thoracostomy, indwelling small pleural catheter needle thoracostomy in the management of large pleural effusions, 981
- tube drainage, closed-chest, management of a giant fluid-filled bulla by, 1772
- tube, new technology in the treatment of an old disease, 1478
- Thoracotomy, comparison of thoracoscopic talc insufflation, slurry, and mechanical abrasion pleurodesis, 442
- controlled trial of intrapleural streptokinase in the treatment of pleural empyema and complicated parapneumonic effusions, 275
- descending necrotizing mediastinitis, 529
- diagnosis and localization of bronchopulmonary air leaks using ventilation scintigraphy, 286
- non-serratus-sparing antero-axillary, with disconnection of anterior rib cartilage, 572
- Thromboembolism, acute venous, new and old questions about, 531
- diffuse tumor microembolism, 1122
- follow-up for death or recurrence is not a reliable way of assessing the accuracy of diagnostic tests for, 1410
- platelet activation in embolic and preembolic status of patients with nonrheumatic atrial fibrillation, 929
- pulmonary, and duplication of inferior vena cava, 834
- venous, ECG in pulmonary embolism, 537
- venous, factor V Leiden prevalence in, 1603
- Thrombolysis: See Thrombolytic therapy
- Thrombolytic therapy, controlled trial of intrapleural streptokinase in the treatment of pleural empyema and complicated parapneumonic effusions, 275
- ECG in pulmonary embolism, 537
- for pulmonary embolism: frequency of intracranial hemorrhage and associated risk factors, 1241
- hepatic bleeding and hemorrhagic shock following, in patients with acute myocardial infarction, 1787
- induced by IV administration of a thrombolytic agent, effect of mechanical vs a pharmacologic increase in aortic pressure on coronary blood flow and, 449
- thrombolysis in the presence of an intracranial meningioma, 258
- Thrombophlebitis, iliofemoral, effect of venous obstruction of lower extremities on exercise tolerance, 506
- Thrombosis, deep vein, follow-up for death or recurrence is not a reliable way of assessing the accuracy of diagnostic tests for thromboembolic disease, 1410
- deep venous, factor V Leiden prevalence in venous thromboembolism patients, 1603
- deep venous, incidence of, in ICU patients, 661
- effect of venous obstruction of lower extremities on exercise tolerance, 506
- left anterior descending coronary artery bridge: a cause of early death after cardiac transplantation, 511
- serial angiography in cocaine-induced myocardial infarction, 822
- Thymoma, objective response to epirubicin and lisdamine in a case of advanced, previously treated with the ADOC scheme and unresponsive to paclitaxel plus cyclophosphamide, 1473
- Tidal volume, development of ventilatory responses to exercise in normal white children, 327
- prone positioning and low-volume pressure limited ventilation improve survival in patients with severe ARDS, 1008
- Time, accelerated lung function decline in swine confinement workers, 1733
- cardiac resuscitation, 712
- cigarette smoking and lung cancer trends, 1414
- 'circa menstrual' rhythmicity and asthma, 840
- development of ventilatory responses to exercise in normal white children: a longitudinal study, 327
- from magic mountains to modern times, 1153
- human and financial costs of noninvasive mechanical ventilation, 1631
- impact of BAL data on the therapy and outcome of ventilator-associated pneumonia, 676
- long-term change in exercise capacity, body mass, and pulmonary function in adults with cystic fibrosis, 338
- mechanisms of gastric juice-induced hyperpermeability of the cultured human tracheal epithelium, 454
- role of cytologic evaluation of pleural fluid in the diagnosis of malignant mesothelioma, 106
- short protocol for methacholine provocation testing adapted to the Rosenthal-Chai dosimeter technique, 866
- weight gain and longitudinal changes in lung function in steel workers, 1526
- Tissue injury, applied nutrition in ICU patients: ACCP consensus statement, 769
- Tissue plasminogen activator, recombinant, effect of mechanical vs a pharmacologic increase in aortic pressure on coronary blood flow and thrombolysis induced by IV administration of a thrombolytic agent, 449
- T-lymphocytes: See Lymphocytes
- Tobacco smoke: See Smoking
- Tobramycin, aerosols, choice of jet nebulizer, nebulizing flow, and addition of albuterol affects the output of, 1206
- peak sputum concentration, comparison of, in patients with cystic fibrosis using jet and ultrasonic nebulizer systems, 955
- Toes, 41-year-old man with thigh pain and loss of sensation in, 810
- Tomography, computed, detecting lung cancer as a cause of hemoptysis in patients with a normal chest radiograph: bronchoscopy vs, 877
- diagnosing pulmonary alveolar proteinosis, 460
- diagnosis of hypersensitivity pneumonitis, 534
- guided biopsy, bilateral pleural masses and shortness of breath associated with multiple myeloma, 1750
- high-resolution, asbestos-related disorders... a realistic perspective, 1424
- high-resolution, diagnosis of asbestosis, 1427
- high-resolution, in long-term follow-up after lung transplantation, 370
- high-resolution, pulmonary alveolar proteinosis, 989
- high-resolution scan in the evaluation of exercise-induced interstitial pulmonary edema in cardiac patients, 1577
- presenting results of studies evaluating diagnostic tests, 842
- prevalence of acute pulmonary embolism in central and subsegmental pulmonary arteries and relation to probability interpretation of ventilation/perfusion lung scans, 1246
- pulmonary radiation injury, 1061
- surgically treated pneumothorax, 280
- Tomography, electrical impedance, noninvasive assessment of right ventricular diastolic function by, 1222
- Tongue, contribution of craniofacial risk factors in increasing apneic activity among obese and nonobese habitual snorers, 154
- neoplasms, 60-year-old man with a malignant tumor of the upper airway and unexplained respiratory failure, 239
- radiofrequency volumetric reduction: a porcine pilot study for the treatment of obstructive sleep apnea syndrome, 1348
- Tonometry, gastric, DCO<sub>2</sub> measured by, predicts survival in children receiving extracorporeal life support, 174
- liver function and splanchnic ischemia in critically ill patients, 180
- Torsade de pointes, man with AIDS experiences near-syncope, 501
- Total lung capacity: See Lung volume
- Trachea, see also Airway; Intubation; deviation from an atypical mediastinal mass, 503
- epithelium, cultured human, mechanisms of gastric juice-induced hyperpermeability of, 454
- pathologic changes of the, after percutaneous dilational tracheostomy, 255, 256
- safety of combined heat and moisture exchanger filters in long-term mechanical ventilation, 686
- Tracheal stenosis, pathologic changes, after percutaneous dilational tracheostomy, 255, 256

- Tracheostomy, percutaneous, airway obstruction with, 1468  
 percutaneous dilational, pathologic changes of the trachea after, 255, 256  
 tube reinsertion, another important detail of percutaneous dilational tracheostomy technique, 1475  
 why be limited to nocturnal noninvasive IPPV? 1471, 1472
- Tracheotomy, pathologic changes of the trachea after percutaneous dilational tracheostomy, 255, 256
- Training: See Education
- Transbronchial fine-needle aspiration: See Biopsy, needle
- Transesophageal echocardiography: See Echocardiography
- Transforming growth factor- $\beta$ , soluble, is present in the pulmonary edema fluid of patients with acute lung injury, 652
- Transforming growth factor- $\beta$ , pulmonary radiation injury, 1061
- Transplant rejection: See Graft rejection
- Transplantation: See Bone marrow transplantation; Heart transplantation; Liver transplantation; Lung transplantation
- Transposition of great vessels, cardiorespiratory response to exercise after venous switch operation for transposition of the great arteries, 23
- Transthoracic contrast echocardiography: See Echocardiography
- Transudates: See Exudates and transudates
- Trauma, heart: See Heart injury
- Tricuspid regurgitation, noninvasive measurement of cardiac output by an acetylene uptake technique and simultaneous comparison with thermodilution in ICU patients, 1295
- Trimethoprim-sulfamethoxazole, empiric treatments impair the diagnostic yield of BAL in HIV-positive patients, 1180  
 desensitization to, following lung transplantation, 1147
- Troponin, cardiac, I, does not increase after cardioversion, 15  
 cardiac: See *ya later*, CK1 2  
 I, cardiac, clinically recognized cardiac dysfunction: role for serial measurement of? 1340  
 T, cardiac, circulating, in myocardial contusion, 427
- Tryptophan, treatment algorithm for OSA, 528
- Tube feeding: See Enteral nutrition
- Tube thoracostomy: See Thoracostomy
- Tuberculosis, beyond directly observed therapy for, 1151  
 from magic mountains to modern times, 1153  
 in heart transplant recipients, 365  
 'multidrug'-resistant, 1149  
 noncompliance with directly observed therapy for, 1168  
 pulmonary, active, cytokine gene expression profile of circulating CD4+ T cells in, 606  
 pulmonary, after lung transplantation, 1458  
 pulmonary, associated with invasive pseudallescheriasis, 508  
 pulmonary, empiric treatments impair the diagnostic yield of BAL in HIV-positive patients, 1180  
 pulmonary, evaluation of IgA-mediated humoral immune response against the mycobacterial antigen P-90 in diagnosis of, 601  
 pulmonary, significance of *Mycobacterium avium* complex cultivation in the sputum of patients with pulmonary tuberculosis, 142  
 pulmonary, suspected, drug-resistant *Mycobacterium tuberculosis* and atypical mycobacteria isolated from patients with, in Honduras, 148  
 retreatment cases: drug resistance and adverse outcomes, 1162  
 utility of a single sputum specimen in the diagnosis of, 1174
- Tumor markers, elevated level of carcinoembryonic antigen in non-malignant pleural effusions, 643
- Tumor necrosis factor, from the bench to the bedside: the future of sepsis research, 744  
 $\alpha$ , pulmonary radiation injury, 1061
- Tumor size, strategies for treatment of occult carcinomas of the endobronchus, 1158
- Tumor staging: See Neoplasm staging
- US Health Care Financing Administration, the truth is the truth, and HCFA knows it, 531
- US National Heart, Lung and Blood Institute, Registry of  $\alpha_1$ -antitrypsin deficiency, baseline characteristics of enrollees in, 394  
 workshop, from the bench to the bedside: the future of sepsis research, 744
- US National Institute of Allergy and Infectious Disease, workshop, from the bench to the bedside: the future of sepsis research, 744
- Utilization, common laboratory tests and imaging procedures in ICUs, citywide analysis of, 1030  
 incidence and outcomes of asthma in the elderly, 303
- Uvulopalatopharyngoplasty, availability of a meta-analysis of the surgical treatment of obstructive sleep apnea, 265
- Vagotonia: See Vagus nerves
- Vagus nerve, autonomic regulation in asthmatics with gastroesophageal reflux, 65  
 vagotonia and bronchial asthma, 8
- Vascular anastomoses: See Pulmonary artery; Pulmonary vein
- Vasculitis, case of eosinophilic pneumonia and, induced by diflunisal, 1767  
 idiopathic myocardial, presenting as restrictive cardiomyopathy, 1462
- Vasculopathy, pulmonary, and recurrent pneumothoraces, 1784
- Vasoconstriction, effect of acetylsalicylic acid on pulmonary gas exchange in patients with severe pneumonia, 1094
- Vasodilators, comparison of two long-acting vasoactive calcium antagonists in pulmonary hypertension secondary to COPD, 1622  
 exhaled nitric oxide during exercise in primary pulmonary hypertension and pulmonary fibrosis, 44  
 managing asymptomatic patients with chronic aortic regurgitation, 1702  
 pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Vasopressor agents, pharmacologic hemodynamic support in massive pulmonary embolism, 218
- Vena cava, inferior, effect of venous obstruction of lower extremities on exercise tolerance, 506  
 pulmonary thromboembolism and duplication of, 834
- Venous air embolism: See Air embolism
- Venous return, elastic energy as an index of right ventricular filling, 351
- Venous switch operation: See Surgery
- Venous thromboembolism: See Thromboembolism
- Ventilation: See Respiration
- Ventilation, mechanical: See Respiration, artificial
- Ventilation/perfusion, diagnosis and localization of bronchopulmonary air leaks using ventilation scintigraphy, 286  
 diffuse tumor microembolism, 1122  
 effect of acetylsalicylic acid on pulmonary gas exchange in patients with severe pneumonia, 1094  
 incidence of deep venous thrombosis in ICU patients, 661  
 lung scans, prevalence of acute pulmonary embolism in central and subsegmental pulmonary arteries and relation to probability interpretation of, 1246  
 perfusion lung scintigraphy for the prediction of postlobectomy residual pulmonary function, 1542  
 response after fenoterol in hypoxemic patients with stable COPD, vol. 110:71; erratum, vol. 111:258
- Ventilator weaning, applied PEEP during pressure support reduces the inspiratory threshold load of intrinsic PEEP, 185  
 community-based regional, unit, 1024  
 DCO<sub>2</sub> measured by gastric tonometry predicts survival in children receiving extracorporeal life support, 174  
 post-ICU mechanical ventilation, 1654  
 predicting eventual success or failure to wean in patients receiving long-term mechanical ventilation, vol. 110:1018; erratum, vol. 111:836  
 work of breathing: the debate continues..., 225; the authors respond, 228



- Ventilators, bilevel pressure, performance characteristics of: a lung model study, 1050  
jet, airway exchange catheters for safe extubation, 1483  
pressure vs flow triggering during PSV, 1649
- Ventilatory muscle strength, how many maneuvers are required to accurately measure maximal inspiratory pressure? 802
- Ventolin: See Albuterol
- Ventricle: See also Ventricular fibrillation
- Ventricle, left, bilateral functioning Vineberg grafts, 824  
Cheyne-Stokes respiration during sleep in congestive heart failure, 467  
distinguishing aneurysm from pseudoaneurysm, 1403  
echocardiographic pattern of acute cor pulmonale, 209  
effects of peak filling rate on exercise capacity 3 to 6 weeks after acute myocardial infarction, 590  
ejection fraction, myocardial contractile reserve as prognostic determinant in patients with idiopathic dilated cardiomyopathy without overt heart failure, 344  
left atrial function as a reliable predictor of exercise capacity in patients with recent myocardial infarction, 922  
managing asymptomatic patients with chronic aortic regurgitation, 1702  
prognostic significance of precordial ST-segment changes in acute inferior wall myocardial infarction, 1039  
pseudoaneurysm of, after mitral valve replacement, 526  
venous air embolism, 826
- Ventricle, right, diastolic function, noninvasive assessment of, by electrical impedance tomography, 1222  
dilatation, prognostic significance of precordial ST-segment changes in acute inferior wall myocardial infarction, 1039  
echocardiographic pattern of acute cor pulmonale, 209  
filling, elastic energy as an index of, 351  
pharmacologic hemodynamic support in massive pulmonary embolism, 218  
power reserve, brain death alters cardiopulmonary hemodynamics and impairs, against an elevation of pulmonary vascular resistance, 706  
60-year-old man with a malignant tumor of the upper airway and unexplained respiratory failure, 239
- Ventricular arrhythmias, exercise-induced, and sudden cardiac death in a family, 1130
- Ventricular ejection time, is measurement of cardiac output using impedance cardiography accurate? 1786
- Ventricular fibrillation, ECG signal amplitude and frequency parameters, analysis of, as predictors of countershock success in humans, 584  
is direct physician supervision of exercise stress testing routinely necessary? 262  
median frequency in cardiac surgery: influence of temperature and guide to countershock therapy, 1560
- Ventricular tachycardia, nonsustained polymorphous, during amiodarone therapy for atrial fibrillation complicating cardiomyopathy, 1454
- Ventriculography, distinguishing left ventricular aneurysm from pseudoaneurysm, 1403
- Vertebral fractures, adverse effects of corticosteroid therapy for COPD, 732
- Veterans, clinical and personality profiles and survival in patients with COPD, 95  
Health Study, 1607
- Video-assisted thoracoscopy (Videothoracoscopy): See Thoracoscopy
- Vincristine, objective response to epirubicin and lisdamine in a case of advanced thymoma previously treated with the ADOC scheme and unresponsive to paclitaxel plus cyclophosphamide, 1473
- Vineberg grafts, bilateral functioning, 824
- Vital capacity, forced: See Pulmonary function; Pulmonary function tests;
- Vocal cords, usefulness of flow volume loops in emergency center and ICU settings, 481
- Vomiting, 63-year-old woman with weight loss and multiple lung nodules, 236
- Vortran HEART large-volume continuous nebulizers, 1200
- Waist-hip circumference ratio: See Obesity
- Walk test: See Exercise testing
- Water-borne diseases, hot tubs, 242, 534, 813, 816
- Website, [www.journal?](http://www.journal?) 1477
- Weight gain and longitudinal changes in lung function in steel workers, 1526
- Weight loss, 63-year-old woman with multiple lung nodules and, 236  
31-year-old man with a thick-walled cyst, 1754  
treatment algorithm for OSA, 528  
who should treat sleep apnea and how? 266
- Wheezing, baseline characteristics of enrollees in the National Heart, Lung and Blood Institute Registry of  $\alpha_1$ -antitrypsin deficiency, 394  
early complications and value of initial clinical and paraclinical observations in victims of smoke inhalation without burns, 671  
nonspecific airway hyperresponsiveness in HIV disease, 121  
symptom-based measure of the severity of chronic lung disease, 1607
- Whites, development of ventilatory responses to exercise in normal children, 327  
importance of ethnicity in the diagnosis and prognosis of sarcoidosis, 838
- Whole lung lavage, silicosis in the 1990s, revisited, 837
- Winnipeg, Manitoba, citywide analysis of the utilization of common laboratory tests and imaging procedures in ICUs, 1030
- Withdrawal of care: See Life support
- Women, catamenial hemoptysis: diagnosis with MRI, 1447  
cigarette smoking and lung cancer trends, 1414  
'circa menstrual' rhythmicity and asthma, 840  
impact of gender on outcome from mechanical ventilation, 434  
paradoxical down-regulation and desensitization of  $\beta_2$ -adrenoceptors by exogenous progesterone in asthmatics, 847  
successful treatment of sclerosing cervicitis and fibrosing mediastinitis with tamoxifen, 1137  
that's no lady, revisited, 254, 255  
there and back again: lung cancer screening, 532
- Work of breathing, comparative physiologic effects of noninvasive assist-control and PSV in acute hypercapnic respiratory failure, 1639  
the debate continues... 225; the authors respond, 228  
noninvasive ventilation: a welcome resurgence and a plea for caution, 1482
- Workers' compensation, silicosis in the 1990s, 779
- Workforce, downsizing competence, 1478  
human and financial costs of noninvasive mechanical ventilation, 1631
- Workplace-related disease: See Occupational and environmental lung disease; Occupational exposure
- World Congress on Diseases of the Chest, 1
- World health: See International health
- World Wide Web, [www.journal?](http://www.journal?) 1477
- Zeolite: See Erionite

